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Government
Publications

motor vehicle collision facts 1974



Ministry of
Transportation and
Communications

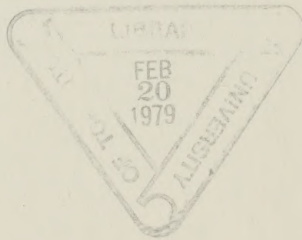
Ontario

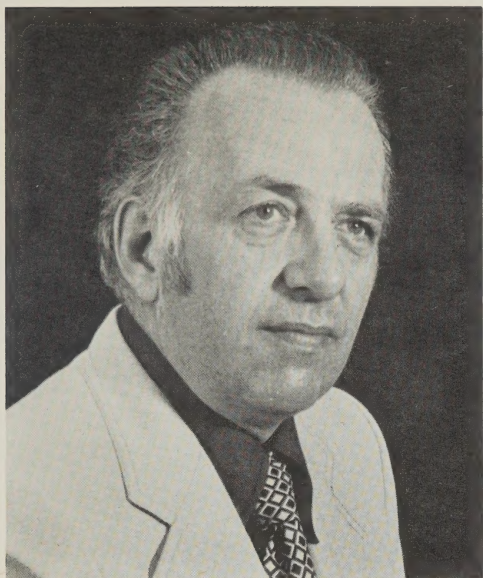
2 Highway traffic collisions



ERRATA

- Page 3 - Heading should read: Victims,
By Class and Age Group --
Injured.
- Page 6 - Persons Killed graph: the 1970
second bar should indicate
passengers killed.
- Page 16 - Driver Seat Belt Use: the
separation line should be
after the per cent sign
under Driver Killed.





I am pleased to report that there were favourable reductions in the number of fatal collisions and persons killed during 1974. We recorded a saving of 211 lives on our highways in comparison to the year 1973.

We also achieved the lowest fatal collision rate and the lowest death rate per 100 million miles travelled during the past 20 years. Injuries, on the other hand, were slightly up.

I feel that part of this reduction is due to traffic engineering, driver improvement, law enforcement and in the development of preventive legislation and action.

I also feel that these figures are the most encouraging we have seen in recent years. Our goal is to reduce the number of victims of highway collisions as much as humanly possible. To do so, we require the thoughtful co-operation of every motorist, cyclist and pedestrian in Ontario.

John R. Rhodes
Minister Of
Transportation and Communications

MOTOR VEHICLE COLLISION FACTS — 1974



Ministry of
Transportation and
Communications

Collision Data Section
Licensing and Control Division
Drivers and Vehicles

April, 1975

C O N T E N T S

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Motor Vehicle Traffic Collisions in 1974

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- number of collisions
- number of drivers and pedestrians
- number of victims
- number of vehicles

MOTOR VEHICLE COLLISION FACTS — 1974

The statistical information on the following pages relates to motor vehicle traffic collisions reported to the Ontario Ministry of Transportation and Communications during the calendar year 1974 which resulted in death or injury to persons, or in property damage in excess of \$200.

The report is divided into three major sections dealing with:

- A. A summary of the property damages, injuries and deaths arising from motor vehicle collisions in Ontario in 1974.
- B. A description of trends in collisions and in death and injury rates over the period 1965-1974.
- C. Selected characteristics of motor vehicle collisions.

SUMMARY

In 1974, there were decreases of 9.5% in fatal collisions and 10.8% in persons killed while non-fatal injury collisions and personal injuries increased 1.6% and 0.9% respectively. Property damage collisions were up 8.2% from the previous year.

Motorcycle drivers killed and injured continued to climb, 2.4% and 24.3%. The injuries to bicyclists also increased by 6.0% but bicyclists killed decreased 34.8%.

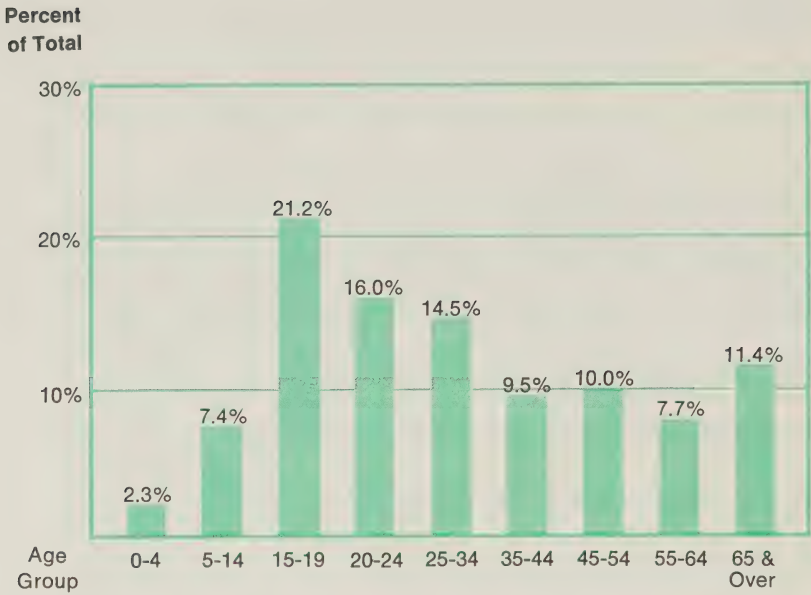
COMPARATIVE STATISTICS 1973-1974

		Percentage of Change
1973	1974	
Total Collisions Reported	193,021	
	204,271	+ 5.8
Fatal Collisions	1,625	
	1,470	- 9.5
Personal Injury Collisions	65,335	
	66,352	+ 1.6
Property Damage Only Collisions	126,061	
	136,449	+ 8.2
Persons Killed	1,959	
	1,748	- 10.8
Persons Injured	97,790	
	98,673	+ 0.9
Veh. Coll. Rate	5.1 per Million Miles Travelled*	
	5.2	+ 2.0
Fatal Coll. Rate	4.3 per 100 Million Miles Travelled*	
	3.7	- 14.0
Death Rate	5.2 per 100 Million Miles Travelled*	
	4.4	- 15.4
Motor Vehicles Registered	3,583,379	
	3,762,500*	+ 5.0
Millions of Vehicle Miles Travelled	37,771**	
	39,400**	+ 4.3
Ontario Population	7,988,000*	
	8,143,000*	+ 1.9
Drivers Licensed	3,841,628	
	3,972,980	+ 3.4
Amount of Property Damage	\$171,100,000*	
	\$205,830,000*	+20.3

*Estimated

**Mileage estimated on the basis of 13.72 miles per gallon of taxed gasoline and motor fuel.

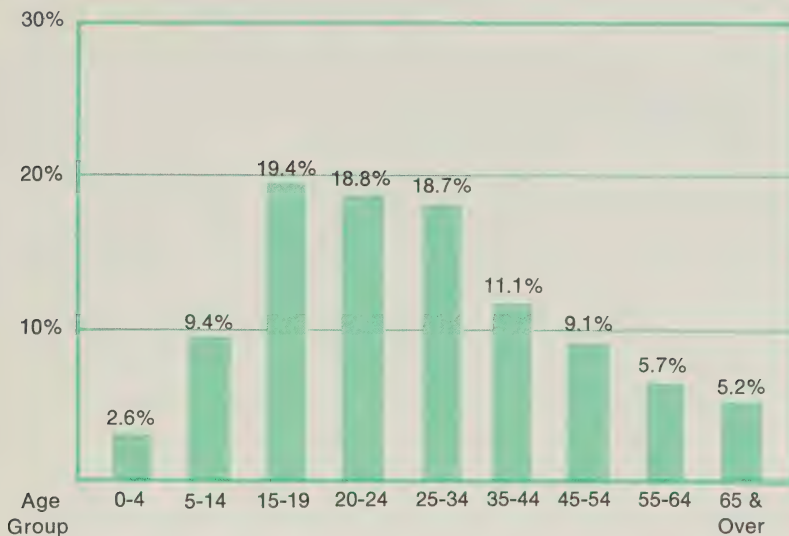
VICTIMS, BY CLASS AND AGE GROUP — KILLED



Victim	Victims, By Class and Age Group — Killed										
	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 and over	Not Stated
Driver	778	—	—	127	152	165	99	105	58	72	—
Passenger*	526	22	36	160	77	60	37	35	47	50	2
Pedestrian	305	19	71	32	16	17	23	27	27	73	—
Bicyclist	45	—	20	14	4	1	2	3	—	1	—
Motorcycle Driver	86	—	2	34	30	11	5	4	—	—	—
Other	8	—	—	3	1	—	—	—	3	1	—
Total	1,748	41	129	370	280	254	166	174	135	197	2

*Includes Motorcycle Passengers

Percent of Total



Victim	Victims, By Class and Age Group — Injured										
	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 & over	Not Stated
Driver	46,621	8	76	7,067	10,113	11,883	7,161	5,432	3,122	1,711	48
Passenger*	37,728	1,902	4,536	8,874	6,347	5,327	3,181	2,995	2,012	1,721	833
Pedestrian	7,444	654	2,681	869	559	606	474	483	414	583	121
Bicyclist	3,469	22	1,908	912	304	167	33	41	22	25	35
Motorcycle Driver	3,260	—	28	1,416	1,218	454	75	35	9	1	24
Other	151	3	26	47	18	23	11	4	12	4	3
Total	98,673	2,589	9,255	19,185	18,559	18,460	10,935	8,990	5,591	4,045	1,064

*Includes Motorcycle Passengers

A SUMMARY OF TRENDS IN COLLISIONS AND IN DEATH AND INJURY RATES OVER THE PERIOD

1965 - 1974

SUMMARY:

Between 1963 and the end of 1974, Ontario's population and the number of licensed drivers, motor vehicle registrations and motor vehicle collisions were all on the rise. During those years, traffic deaths increased from 1,421 to a high of 1,959 during the year 1973 with a decrease this year to 1,748 and the population grew from 6.48 million to 8.14 million. The 1974 fatality rate of 21.5 per 100,000 population indicates a return to the traditional trend in collisions after the rapid increases of 23.0 in 1971, 24.6 in 1972 and 24.5 in 1973.

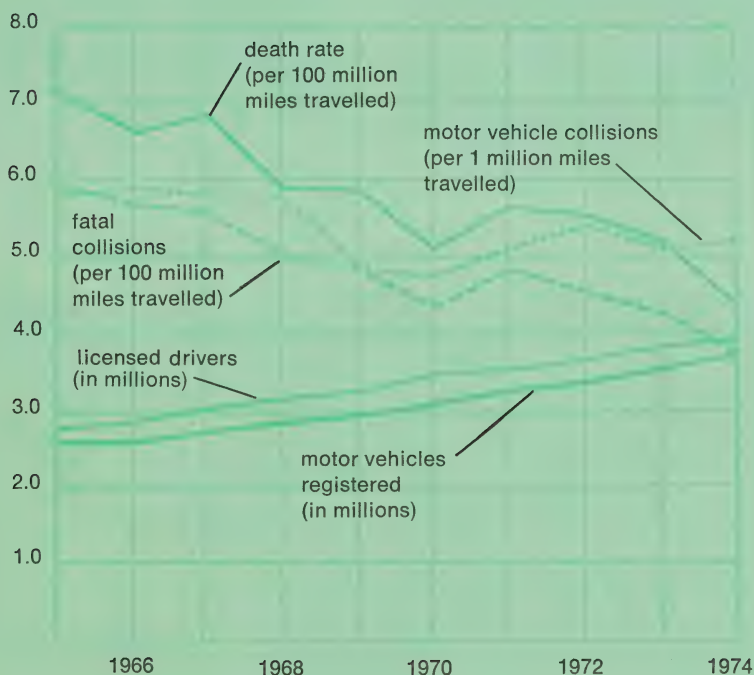
In contrast to the fatality rate, the number of people injured increased steadily, most noticeably in 1973 when it went to a high of 1224.2 per 100,000 population with only a small decrease to 1211.8 in 1974.

This year, the number of motor vehicle traffic collisions reported totalled 204,271, an increase of 5.8% over 1973. However, there were decreases of 9.5% in fatal collisions and 10.8% in persons killed while the personal injury collisions and number of persons injured increased 1.6% and 0.9% respectively.

The motor vehicle collision rate per one million miles travelled increased this year to 5.2; the death rate and fatal collision rate per 100 million miles travelled continued their downward trend to 4.4 and 3.7, which are the lowest rates during the past 20 years.

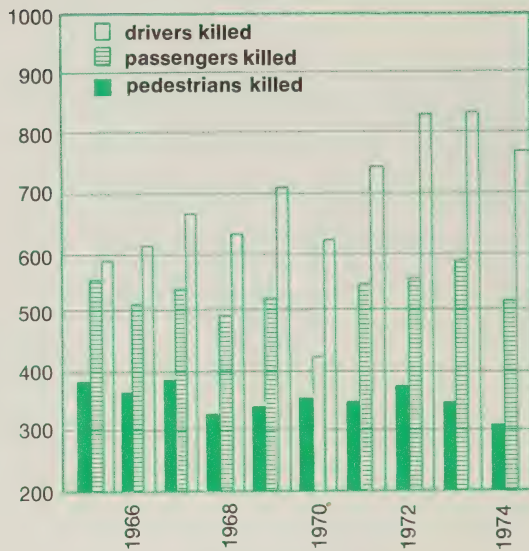
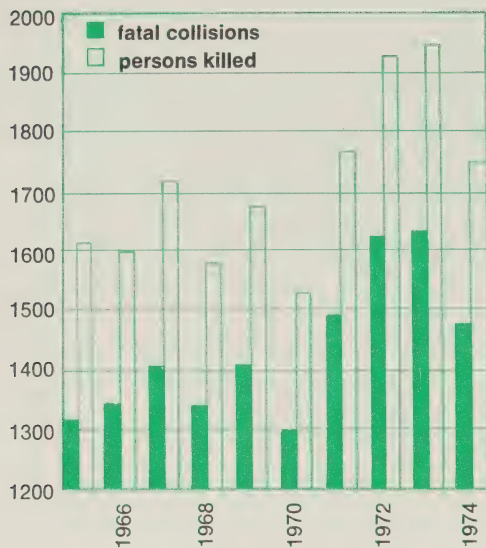
The number of miles driven in 1974 was estimated at 39,400,038,000 an increase of 4.3% over the 1973 figure.

**TRENDS IN MOTOR VEHICLE REGISTRATIONS, LICENSED DRIVERS, MOTOR
VEHICLE COLLISION RATES, DEATH RATES, FATAL COLLISION RATES
1965 - 1974**



FATAL COLLISIONS AND PERSONS KILLED

1965 - 1974



FATAL TRAFFIC COLLISION VICTIMS IN ONTARIO BY CLASS OF ROAD USER — ALL AGES

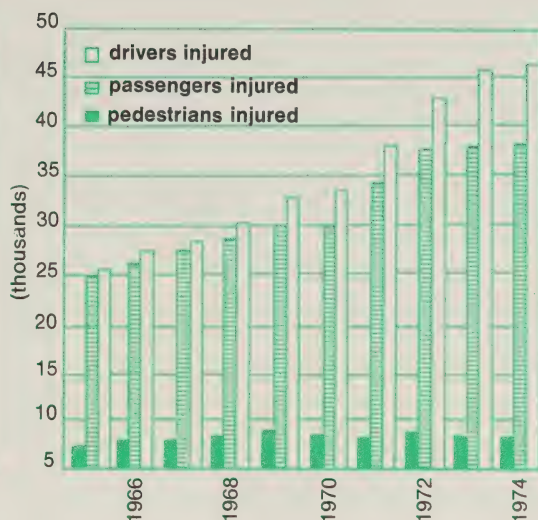
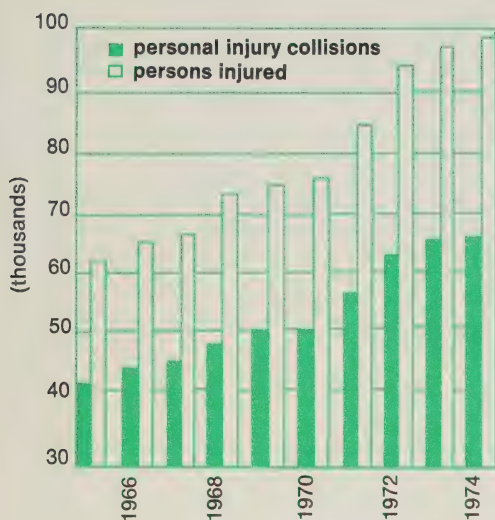
Year	Ontario Population	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/ 100,000**	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000
1965	6,788,000	598	13.0	564	8.3	387	5.7	62	0.9	1,611	23.7
1966	6,961,000	615	13.3	505	7.2	380	5.5	96	1.4	1,596	22.9
1967	7,149,000	672	14.0	557	7.8	393	5.5	97	1.4	1,719	24.0
1968	7,306,000	643	13.0	501	6.8	336	4.6	106	1.4	1,586	21.7
1969	7,452,000	707	13.9	537	7.2	346	4.6	93	1.2	1,683	22.6
1970	7,637,000	633	12.1	445	5.8	365	4.8	92	1.2	1,535	20.1
1971	7,703,000	740	13.8	557	7.2	357	4.6	115	1.5	1,769	23.0
1972	7,865,000	827	15.0	581	7.4	383	4.9	143	1.8	1,934	24.6
1973	7,988,000	830	14.9	584	7.3	346	4.3	167	2.1	1,959	24.5
1974	8,143,000	778	13.8	526	6.4	305	3.7	139	1.7	1,748	21.5

*Includes motorcycle passengers.

**Rate per 100,000 population 16 years of age and over.

PERSONAL INJURY COLLISIONS AND PERSONS INJURED

1965 - 1974

NON-FATAL TRAFFIC COLLISION VICTIMS IN ONTARIO
BY CLASS OF ROAD USER — ALL AGES

Year	Ontario Population	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/ 100,000**	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000
1965	6,788,000	25,603	555.1	25,013	368.5	6,740	99.3	3,561	52.5	60,917	897.4
1966	6,961,000	27,446	592.4	26,110	375.1	7,092	101.9	4,562	65.5	65,210	936.8
1967	7,149,000	28,169	587.2	27,780	388.6	7,091	99.2	4,240	59.3	67,280	941.1
1968	7,306,000	30,968	627.6	28,952	396.3	7,302	99.9	4,298	58.8	71,520	978.9
1969	7,452,000	32,928	648.0	30,199	405.2	7,610	102.1	4,165	55.9	74,902	1,005.1
1970	7,637,000	33,007	628.1	30,145	394.7	7,538	98.7	4,436	58.1	75,126	983.7
1971	7,703,000	37,936	709.6	34,116	442.9	7,508	97.5	5,090	66.1	84,650	1,098.9
1972	7,865,000	43,910	795.3	37,606	478.1	7,941	101.0	5,724	72.8	95,181	1,210.2
1973	7,988,000	46,414	832.4	37,716	472.2	7,603	95.2	6,057	75.8	97,790	1,224.2
1974	8,143,000	46,621	825.0	37,728	463.3	7,444	91.4	6,880	84.5	98,673	1,211.8

*Includes motorcycle passengers.

**Rate per 100,000 population 16 years of age and over.

COLLISIONS INVOLVING SCHOOL VEHICLES — SCHOOL YEARS 1964-65 — 1973-74

School Year	Pupils Transported Daily	Number of Collisions (1)	PUPIL FATALITIES/PERSONAL INJURIES				Injury Rate Per 100,000 Pupils	
			Crossing Road (2)	Within School Vehicle	Other	Total	Fatal	Non-Fatal
1964-65	284,217	221	3/9	1/44	0/8	4/61	1.4	21
1965-66	332,039	287	5/21	0/18	0/8	5/47	1.5	14
1966-67	398,065	409	1/21	9*/105	0/13	10/139	2.5	35
1967-68	414,216	498	2/18	0/89	1/12	3/119	0.7	29
1968-69	447,638	559	3/10	2/152	2/17	7/179	1.6	40
1969-70	478,224	383	4/12	2/109	1/5	7/126	1.5	26
1970-71	523,284	490	0/21	1/151	2/36**	3/208	0.6	40
1971-72	545,046	508	0/9	1/153	1/19	2/181	0.4	33
1972-73	558,549	542	0/9	0/233***3‡/18		3/260	0.6	47
1973-74	592,026	575	1/6	0/364††	0/17	1/387	0.2	65

(1) Collisions involving a school vehicle directly or indirectly while transporting pupils to or from school.

(2) Pupil struck by approaching vehicle (excluding school vehicle) while waiting to board school vehicle, crossing road to board or after leaving school vehicle.

*Includes one collision resulting in eight pupil fatalities.

**Includes one collision resulting in fifteen pupil injuries.

***Includes 3 separate collisions resulting in a total of fifty-six pupil injuries (27, 17, 12).

‡Includes one school age pedestrian who ran across a street into the path of an oncoming school bus; two pupils, after being discharged, were fatally injured by school buses while attempting to cross the streets in front of the buses.

††Includes 6 separate collisions resulting in a total of 196 pupil injuries (46, 39, 35, 32, 25, 18).

COLLISION STATISTICS INVOLVING SCHOOL VEHICLES — SCHOOL YEAR 1973-1974

Type of School Vehicle	Nature of Collision (1)			Total Number of Collisions	PUPIL FATALITIES/PERSONAL INJURIES								Total Fatalities/ Injuries
					Speed Zones				Within School Vehicle		Other		
	Over 35 mph	Under 35 mph	Over 35 mph		Under 35 mph								
	Fatal	Personal Injury	Property Damage		Fatalities (2)	Personal Injuries (2)	Fatalities	Personal Injuries	Fatalities	Personal Injuries			
School Bus	1	64	422	487	1	—	5	1	—	333*	—	13	1/352
Van	—	10	29	39	—	—	—	—	—	16	—	2	18
Station Wagon	—	8	16	24	—	—	—	—	—	11	—	2	13
Other Buses	—	2	23	25	—	—	—	—	—	4	—	—	4
Total	1	84	490	575	1	—	5	1	—	364	—	17	1/387

(1) Collisions involving school vehicles directly or indirectly while transporting pupils to and from school.

(2) Pupil struck by approaching vehicle (excluding school vehicle) while waiting to board school vehicle, crossing road to board or after leaving school vehicle.

*Includes 6 separate collisions resulting in a total of 196 pupil injuries (46, 39, 35, 32, 26, 18).

MOTORCYCLE COLLISION STATISTICS

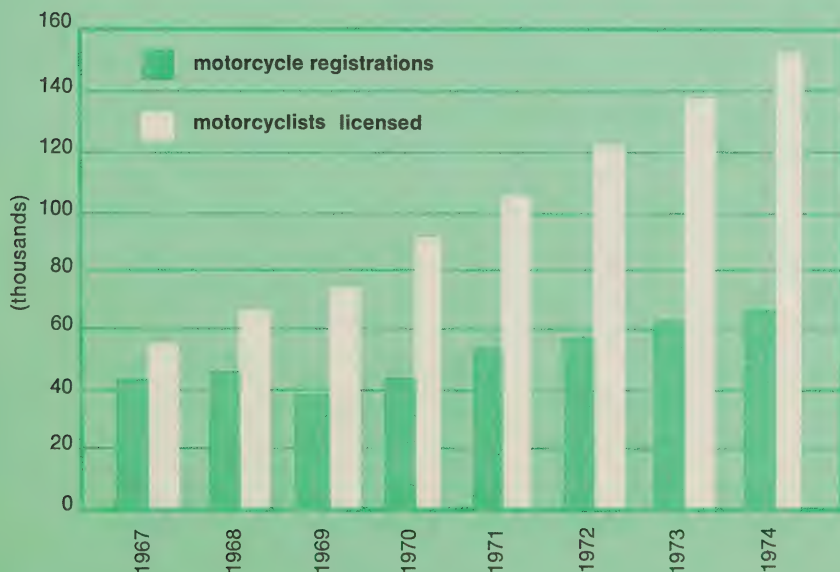
In the past, statistical data of motorcycle collisions was recorded on a September-August reference year basis. This data has now been recalculated to a calendar year basis.

The number of motorcyclists killed and injured continued to increase in 1974 with the exception of motorcycle passengers killed, which decreased 18.8%.

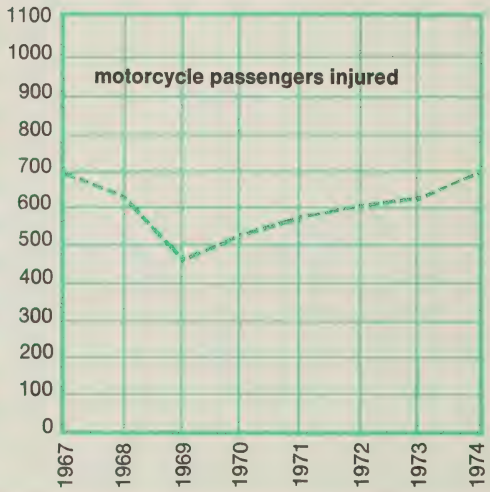
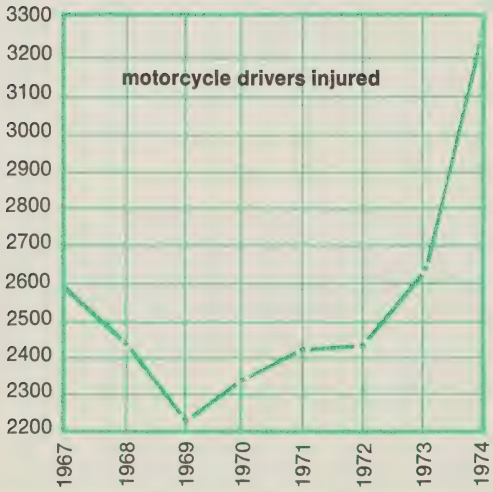
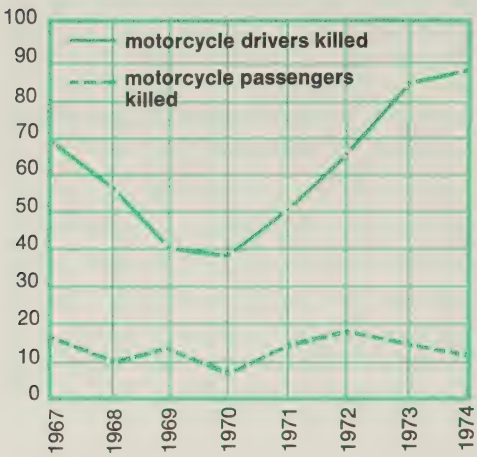
While the number of motorcycle drivers killed increased 2.4%, injuries to motorcycle drivers were up 24.3% and injuries to motorcycle passengers increased 13.6%.

The motorcycle driver fatality rate per 100 thousand drivers dropped from 60.3 in 1973 to 55.8 in 1974. However, the motorcycle driver injury rate per 100 thousand drivers increased from 1884.0 in 1973 to 2113.6 this year.

MOTORCYCLE REGISTRATIONS AND LICENSED MOTORCYCLISTS 1967 - 1974



MOTORCYCLISTS KILLED AND INJURED



MOTORCYCLISTS KILLED AND INJURED								
Year	Drivers		% Change Re: 1967		Passengers		% Change Re: 1967	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
1967	66	2,595	—	—	15	713	—	—
1968*	55	2,448	− 16.7	− 5.7	10	637	− 33.3	− 10.7
1969	40	2,228	− 39.4	− 14.1	11	469	− 26.7	− 34.2
1970	39	2,348	− 40.9	− 9.5	8	530	− 46.7	− 25.7
1971	51	2,418	− 22.7	− 6.8	15	597	—	− 16.3
1972	66	2,424	—	− 6.6	17	605	+ 13.3	− 15.2
1973	84	2,623	+ 27.3	+ 1.1	16	623	+ 6.7	− 12.6
1974	86	3,260	+ 30.3	+ 25.6	13	708	− 13.3	− 0.7

* Amendments to the Highway Traffic Act in 1968 required motorcyclists to wear approved safety helmets.

COLLISIONS BY PLACE OF OCCURRENCE 1965 - 1974

FATAL COLLISIONS					
Year	Urban Areas	Controlled Access Highways*	Other Kings Highways†	Other	Total
1965	408	625		285	1,318
1966	434	105	514	294	1,347
1967	442	103	530	325	1,400
1968	389	111	535	311	1,346
1969	425	106	530	349	1,410
1970	400	119	486	295	1,300
1971	458	128	534	378	1,498
1972	473	105	673	369	1,620
1973	404	132	606	483	1,625
1974	385	118	565	402	1,470

PERSONAL INJURY COLLISIONS					
Year	Urban Areas	Controlled Access Highways*	Other Kings Highways†	Other	Total
1965	27,627	7,839		5,581	41,047
1966	29,939	1,912	6,209	6,186	44,246
1967	29,105	2,215	6,982	6,721	45,023
1968	30,784	2,438	7,342	7,155	47,719
1969	32,297	2,059	8,217	7,563	50,136
1970	32,230	2,899	7,677	7,566	50,372
1971	34,794	1,846	10,421	9,056	56,117
1972	39,685	3,861	10,137	9,858	63,541
1973	37,067	3,780	10,351	14,137	65,335
1974	33,573	3,780	10,097	18,902	66,352

ALL COLLISIONS					
Year	Urban Areas	Controlled Access Highways*	Other Kings Highways†	Other	Total
1965	82,665	28,260		17,537	128,462
1966	91,723	6,532	22,343	19,183	139,781
1967	92,952	7,309	24,131	20,616	145,008
1968	100,611	8,087	25,236	21,193	155,127
1969	110,933	9,192	25,888	23,382	169,395
1970	92,091	8,394	21,890	19,234	141,609**
1971	100,479	9,070	24,222	25,060	158,831
1972	123,366	8,786	29,713	27,629	189,494
1973	114,170	11,333	26,882	40,636	193,021
1974	108,552	11,562	27,495	56,662	204,271

*Figures for 1965 combine all Kings Highways.

**Minimum reportable property damage amount changes from over \$100 to over \$200 on January 1, 1970.

†Includes Secondary Highways.

COLLISIONS BY TYPE 1965 - 1974

FATAL COLLISIONS INVOLVING

Year	Single Motor Vehicle	Motor Vehicle And								
		Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Trac-+ tor	Animal	Other*	Total
1965	334	528	361	39	44	2	—	2	8	1,318
1966	369	516	364	39	41	2	—	1	15	1,347
1967	387	545	373	23	53	2	—	5	12	1,400
1968	394	542	317	45	34	1	—	4	9	1,346
1969	423	563	327	40	42	2	—	—	13	1,410
1970	344	525	336	41	32	—	1	6	15	1,300
1971	442	611	335	51	34	—	1	7	17	1,498
1972	444	666	364	65	43	—	4	5	29	1,620
1973	488	676	321	69	42	1	8	3	17	1,625
1974	457	630	288	45	34	—	3	4	9	1,470

PERSONAL INJURY COLLISIONS INVOLVING

Year	Single Motor Vehicle	Motor Vehicle And								
		Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Trac-+ tor	Animal	Other*	Total
1965	9,009	23,679	6,172	1,554	131	137	—	120	245	41,047
1966	10,058	25,517	6,508	1,510	144	147	—	153	209	44,246
1967	10,400	25,945	6,511	1,495	136	99	—	190	247	45,023
1968	11,388	27,240	6,689	1,682	137	132	—	179	272	47,719
1969	11,803	28,838	6,951	1,759	143	119	—	196	327	50,136
1970	11,463	29,265	6,891	1,869	136	102	59	223	364	50,372
1971	13,163	32,407	6,699	2,472	142	92	77	230	835	56,117
1972	15,203	36,822	7,060	3,120	141	80	101	233	781	63,541
1973	16,733	37,564	6,827	3,329	131	89	90	237	335	65,335
1974	17,515	37,831	6,680	3,446	137	118	83	253	289	66,352

ALL COLLISIONS INVOLVING

Year	Single Motor Vehicle	Motor Vehicle And								
		Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Trac-+ tor	Animal	Other*	Total
1965	26,392	90,953	6,534	1,600	392	419	—	1,276	896	128,462
1966	29,206	98,978	6,877	1,557	440	448	—	1,323	952	139,781
1967	30,254	102,638	6,884	1,530	403	432	—	1,440	1,427	145,008
1968	32,941	109,591	7,006	1,741	401	468	—	1,510	1,469	155,127
1969	34,409	121,865	7,278	1,815	374	434	—	1,658	1,562	169,395
1970	28,511	101,011	7,227	1,918	320	275	145	1,317	885	141,609
1971	32,167	112,671	7,037	2,541	366	298	219	1,402	2,130	158,831
1972	39,033	135,500	7,438	3,217	390	287	250	1,397	1,982	189,494
1973	41,965	137,039	7,161	3,412	322	353	254	1,554	961	193,021
1974	45,720	144,447	6,977	3,508	366	412	224	1,892	725	204,271

* Included with Other 1965-1969.

* Includes Horse-Drawn Vehicles.

SELECTED CHARACTERISTICS OF MOTOR VEHICLE COLLISIONS

SUMMARY: The following tables present 1974 collision information in relation to selected driver, vehicle, pedestrian and road characteristics. Listings of collisions by various geographic areas of the province are included.

CONDITION OF DRIVERS AND OCCURRENCE OF ALCOHOL IN DRIVERS KILLED

CONDITION OF DRIVER								
Condition	All Collisions				Fatal Collisions			
	1973	%	1974	%	1973	%	1974	%
Apparently Normal	280,416	87.1	292,555	86.8	1,483	60.3	1,312	59.4
Ability Impaired By Alcohol	8,707	2.7	9,782	2.9	312	12.7	306	13.9
Had Been Drinking	20,072	6.2	21,495	6.4	316	12.8	305	13.8
Other	2,495	0.8	2,402	0.7	28	1.1	16	0.7
Not Known	10,476	3.2	10,613	3.2	322	13.1	269	12.2
Total	322,166	100.0	336,847	100.0	2,461	100.0	2,208	100.0

RECORDED OCCURRENCE OF ALCOHOL IN DRIVERS KILLED				
Recorded Occurrence	Number of Drivers*			
	1973	%	1974	%
Apparently Normal	343	48.8	326	47.7
Ability Impaired by Alcohol	250	35.6	247	36.2
Had Been Drinking	110	15.6	110	16.1
Total	703	100.0	683	100.0

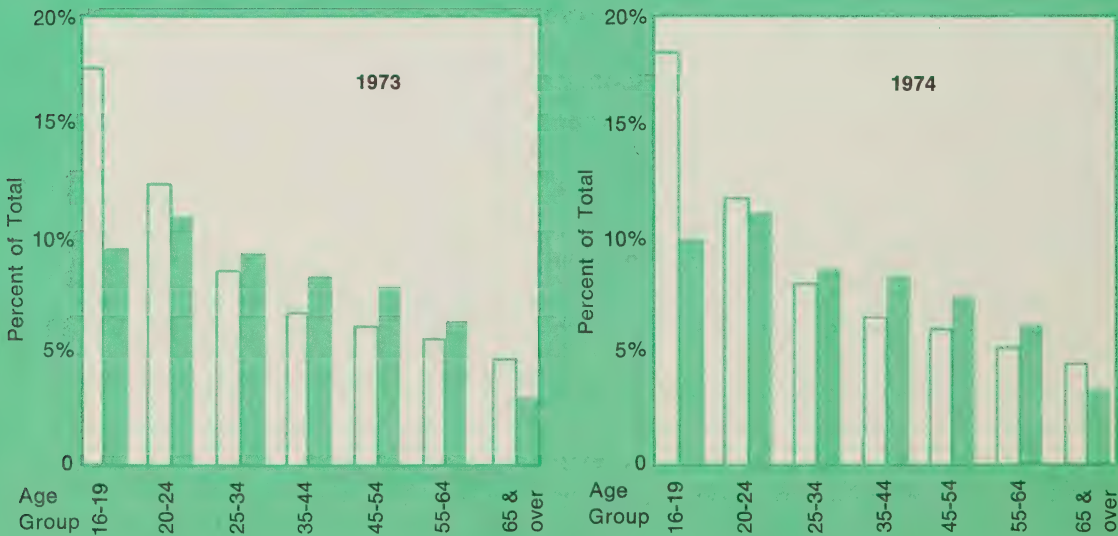
*Excludes cases where alcohol usage information was not provided.

LICENSED DRIVERS AS COMPARED WITH DRIVERS INVOLVED IN COLLISIONS BY AGE GROUPS — 1973 - 1974

Age Group	DRIVERS				% Of Drivers Of Each Age Group Involved In Collisions	
	Licensed		Involved In Collisions			
	1973	1974	1973	1974	1973	1974
Under 16	—	—	629	762	—	—
16 - 19	258,976	271,946	45,266	50,823	17.8	18.7
20 - 24	509,640	524,634	63,685	66,047	12.5	12.6
25 - 34	970,943	1,015,373	81,508	85,759	8.4	8.4
35 - 44	759,671	770,431	53,365	54,118	7.0	7.0
45 - 54	667,795	686,963	41,568	42,101	6.2	6.1
55 - 64	425,649	439,989	23,796	24,198	5.6	5.5
65 & Over	248,954	263,644	11,701	12,412	4.7	4.7
Not Known	—	—	648	627	—	—
Total	3,841,628	3,972,980	322,166	336,847		

Percentage of Licensed Drivers in Each Age Group Involved in Collisions

Percentage of Licensed Drivers in Each Age Group Involved in Collisions Who Had Been Drinking or Their Ability to Drive Was Impaired by Alcohol



DRIVER CONDITION BY AGE GROUP AND DRIVER ACTION 1973 - 1974

DRIVER CONDITION BY AGE GROUP IN ALL COLLISIONS

Age Group	Normal		Ability Impaired—Alcohol		Had Been Drinking		Other		Not Known		Total	
	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974
Under 16	497	591	15	12	36	57	15	18	66	84	629	762
16 - 19	38,641	43,085	846	1,079	3,590	4,306	424	413	1,765	1,940	45,266	50,823
20 - 24	54,006	55,529	1,613	1,894	5,339	5,827	525	558	2,202	2,239	63,685	66,047
25 - 34	70,914	74,777	2,322	2,623	5,152	5,294	510	488	2,610	2,577	81,508	85,759
35 - 44	46,870	47,556	1,647	1,858	2,893	2,898	337	277	1,618	1,529	53,365	54,118
45 - 54	36,849	37,382	1,408	1,417	1,902	1,906	269	236	1,140	1,160	41,568	42,101
55 - 64	21,463	21,885	661	673	826	840	188	188	658	612	23,796	24,198
65 & Over	10,789	11,369	147	176	260	298	215	212	290	357	11,701	12,412
Not Known	387	381	48	50	74	69	12	12	127	115	648	627
Total	280,416	292,555	8,707	9,782	20,072	21,495	2,495	2,402	10,476	10,613	322,166	336,847

APPARENT DRIVER ACTION IN ALL COLLISIONS 1973-1974

Action	1973	% of Total	1974	% of Total
Driving Properly	147,709	45.8	152,461	45.3
Following Too Close	19,632	6.1	19,710	5.9
Speed Too Fast	28,557	8.9	29,737	8.8
Improper Turn	11,677	3.6	12,430	3.7
Disobey Traffic Signal	5,559	1.7	5,740	1.7
Disobey Stop Sign	4,743	1.5	4,689	1.4
Fail to Yield Right of Way	32,762	10.2	34,693	10.3
Improper Passing	4,580	1.4	5,000	1.5
Lost Control	23,417	7.3	25,253	7.5
Wrong Way on One-Way Road	342	0.1	367	0.1
Not Known	15,772	4.9	16,998	5.0
Other*	27,416	8.5	29,769	8.8
Total	322,166	100.0	336,847	100.0

*Includes actions defined as Careless Driving, Inattentive Driving, Fell Asleep, Hit and Run, On Wrong Side of Road, Improper Parking, Impaired, Illegally Parked, Dangerous Driving, Inexperience, etc.

DRIVER SEAT BELT USE 1973 - 1974



DRIVER SEAT BELT USE*

Seat Belt Usage	Driver Killed			Driver Injured			Driver Not Injured			All Drivers		
	1973	1974	%	1973	1974	%	1973	1974	%	1973	1974	%
Installed—Not In Use	472	476	61.2	30,335	31,835	69.4	170,361	190,540	66.7	201,168	222,851	67.1
Installed—In Use	43	46	5.9	5,769	6,757	14.7	36,766	47,249	16.5	42,578	54,052	16.3
Installed—Use Unknown	62	58	7.5	855	871	1.9	5,688	5,792	2.0	6,605	6,721	2.0
Not Installed	97	60	7.7	5,631	3,335	7.3	31,497	20,324	7.2	37,225	23,719	7.1
Not Known	156	138	17.7	3,824	3,106	6.7	27,174	21,794	7.6	31,154	25,038	7.5
Total	830	778	100.0	46,414	45,904	100.0	271,486	285,699	100.0	318,730	332,381	100.0

*Excludes motorcycle drivers.

Although there were 6.3% fewer driver fatalities this year, 476 of the drivers killed had seat belts in their vehicles but were not using them. This represents 61.2% of the driver fatalities which is the highest since July 1971 when seat belt statistics were recorded. Also, the number of drivers injured who had seat belts but were not using them increased this year to a high of 69.4%.

In 1973, there was an increase of 18.1% over the previous year in the number of drivers not injured who were using their seat belts at the time of the motor vehicle collisions. This year, the number of drivers in this category increased by a favourable 28.5% over last year.

ACTION AND CONDITION OF PEDESTRIANS KILLED AND INJURED 1973 - 1974

ACTIONS OF PEDESTRIANS KILLED AND INJURED 1973-1974

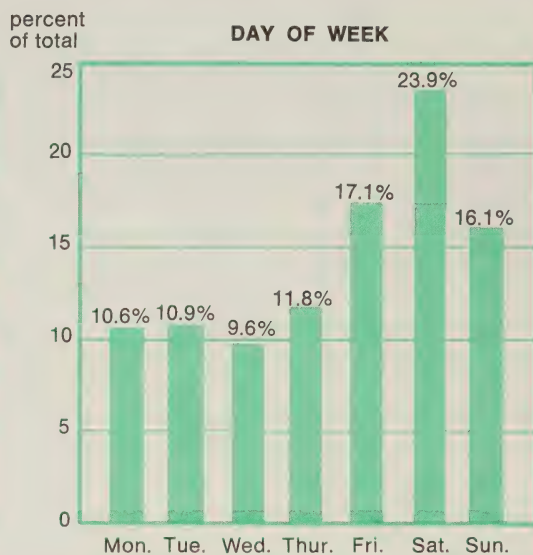
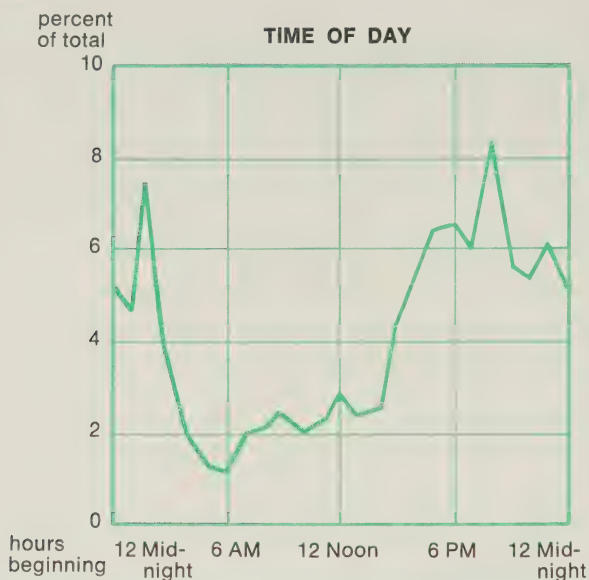
Action	1973		1974	
	Killed	Injured	Killed	Injured
Crossing Intersection With Right of Way	4	1,052	8	1,037
Crossing Intersection Without Right of Way	10	401	13	470
Crossing Intersection No Traffic Control	16	211	11	188
Crossing Pedestrian Crossover	6	302	2	319
Walking on Roadway With Traffic	41	220	31	243
Walking on Roadway Against Traffic	21	144	15	120
On Sidewalk or Shoulder	15	446	22	437
Coming from Behind Parked Vehicle or Object	21	804	14	782
Playing or Working On Highway	8	157	4	166
Running Into Roadway	68	2,057	63	1,833
Crossing Through Traffic	75	893	62	868
Other	61	916	60	981
Total	346	7,603	305	7,444

CONDITION OF PEDESTRIANS KILLED AND INJURED 1973-1974

Condition	1973		1974	
	Killed	Injured	Killed	Injured
Normal	160	5,896	163	5,756
Had Been Drinking	28	399	31	396
Ability Impaired by Alcohol	53	123	37	133
Ability Impaired by Drugs	1	12	—	4
Fatigue	1	2	—	2
Medical or Physical Defect	7	101	2	75
Not Known	96	977	71	976
Other	—	93	1	102
Total	346	7,603	305	7,444

PERSONS KILLED BY TIME OF DAY AND WEEK

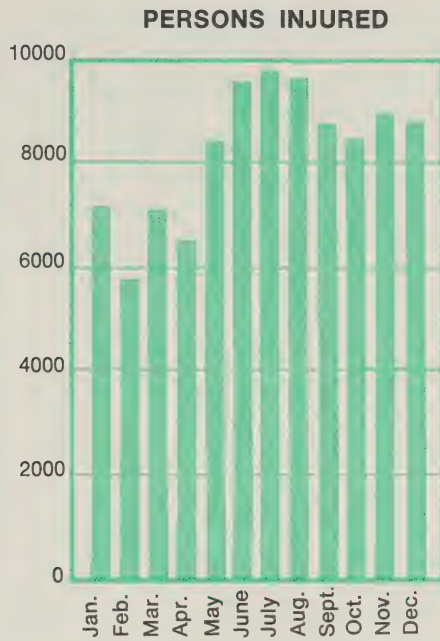
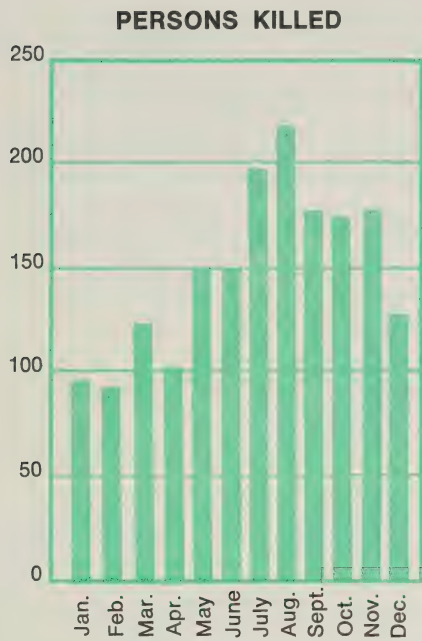
1974



PERSONS KILLED BY TIME OF DAY AND DAY OF WEEK

Time	Total	%	Mon.	Tue.	Wed.	Thur.	Fri.	Sat.	Sun.
12 - 01 AM	83	4.7	4	8	5	7	7	33	19
01 - 02 "	131	7.5	1	10	10	15	17	38	40
02 - 03 "	70	4.0	1	6	3	4	11	27	18
03 - 04 "	34	2.0	2	1	4	—	3	15	9
04 - 05 "	23	1.3	1	1	—	3	—	9	9
05 - 06 "	20	1.2	2	1	1	1	3	9	3
06 - 07 "	36	2.1	5	4	3	1	9	6	8
07 - 08 "	39	2.2	5	2	6	4	6	13	3
08 - 09 "	44	2.5	7	4	6	6	8	11	2
09 - 10 "	37	2.1	3	6	5	6	2	7	8
10 - 11 "	41	2.3	6	6	6	4	2	9	8
11 - 12 PM	51	2.9	4	8	11	9	9	4	6
12 - 01 PM	42	2.4	9	9	1	4	9	8	2
01 - 02 "	44	2.5	5	9	5	6	2	8	9
02 - 03 "	78	4.5	13	11	12	12	9	8	13
03 - 04 "	95	5.4	17	11	12	14	10	19	12
04 - 05 "	114	6.5	16	18	9	15	25	15	16
05 - 06 "	116	6.6	19	10	15	18	16	26	12
06 - 07 "	105	6.0	10	13	7	14	22	17	22
07 - 08 "	149	8.5	22	23	8	11	36	35	14
08 - 09 "	96	5.5	10	11	9	8	24	18	16
09 - 10 "	93	5.3	7	1	14	19	20	21	11
10 - 11 "	104	6.0	7	13	11	10	23	29	11
11 - 12 AM	90	5.2	10	4	4	15	20	31	6
Unknown	13	0.8	—	1	—	1	5	2	4
Total	1,748	100.0	186	191	167	207	298	418	281

PERSONS KILLED AND INJURED BY MONTH OF OCCURRENCE 1974



PERSONS KILLED AND INJURED BY MONTH OF OCCURRENCE		
Month	Killed	Injured
January	94	7,088
February	89	5,909
March	118	7,047
April	101	6,487
May	150	8,302
June	150	9,553
July	191	9,761
August	214	9,750
September	173	8,709
October	170	8,458
November	175	8,821
December	123	8,788
Total	1,748	98,673

TYPE AND CONDITION OF VEHICLES INVOLVED IN COLLISIONS

1974

TYPE OF VEHICLE INVOLVED IN ALL COLLISIONS

Type of Vehicle	In All Collisions	In Fatal	In Personal Injury	In Property Damage
Passenger Car	309,928	1,716	93,750	214,462
Passenger Car & Trailer	1,386	16	386	984
Truck	37,271	308	10,812	26,151
Truck & Trailer	1,986	13	499	1,474
Tractor & Semi-Trailer	4,451	93	1,269	3,089
Motorcycle	4,546	105	3,933	508
Bus	2,546	5	873	1,668
School Bus	661	3	212	446
Other—Or Not Known	5,395	97	4,170	1,128
Non Motor Vehicle	4,646	8	317	4,321
Total	372,816	2,364	116,221	254,231

TYPE AND CONDITION OF VEHICLES INVOLVED — ALL COLLISIONS

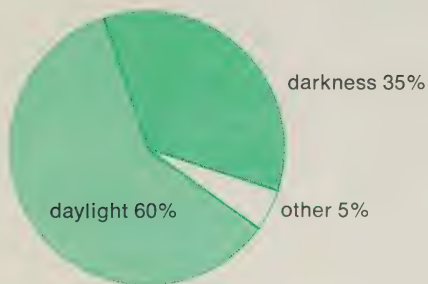
Condition	Passenger Car (1)	Passenger Car & Trailer (1)	Truck	Truck & Trailer	Tractor Trailer	Motor-cycle	Bus	School Bus	Other Motor Vehicle (2)	Non Motor Vehicle	Total
No Apparent Defect	289,924	1,203	34,098	1,685	3,918	4,216	2,444	627	4,291	198	342,604
Service Brakes Defective	1,588	3	480	27	70	27	11	6	85	4	2,301
Steering Defective	331	1	99	7	10	6	2	—	9	—	465
Tire Puncture or Blow Out	1,033	29	186	17	40	26	1	2	3	—	1,337
Tire Tread Insufficient	1,169	3	130	4	9	12	7	1	1	—	1,336
Headlamps Defective	112	—	20	—	2	9	—	—	34	2	179
Other Lamps or Reflectors Defective	416	12	170	15	20	4	—	4	63	2	706
Engine Controls Defective	407	6	58	5	14	14	3	1	8	1	517
Wheels or Suspension Defective	193	13	81	19	43	12	4	2	—	—	367
Vision Obscured	252	1	46	—	1	1	—	—	4	—	305
Other Defects	1,379	79	351	97	139	33	13	2	127	48	2,268
Not Known	13,124	36	1,552	110	185	186	61	16	770	4,391	20,431
Total	309,928	1,386	37,271	1,986	4,451	4,546	2,546	661	5,395	4,646	372,816

1 Includes station wagons.

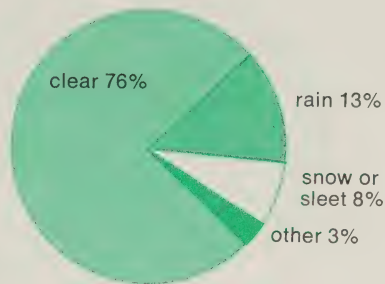
2 Includes vehicle type "unknown"

ALL COLLISIONS — 1974 — LIGHT CONDITION, VISIBILITY AND ROAD LOCATION

LIGHT CONDITON



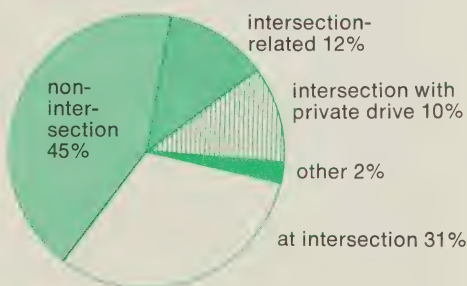
VISIBILITY



Light Condition	Total	Fatal	Personal Injury	Property Damage
Daylight	122,535	683	39,230	82,622
Dawn	2,196	18	670	1,508
Dusk	7,606	47	2,380	5,179
Darkness	71,185	720	23,884	46,581
Not Known	749	2	188	559
Total	204,271	1,470	66,352	136,449

Visibility	Total	Fatal	Personal Injury	Property Damage
Clear	155,661	1,225	52,157	102,279
Rain	27,421	142	8,470	18,809
Snow or Sleet	17,131	69	4,340	12,722
Fog, Mist, Smoke or Dust	3,591	34	1,278	2,279
Not Known	467	—	107	360
Total	204,271	1,470	66,352	136,449

ROAD LOCATION



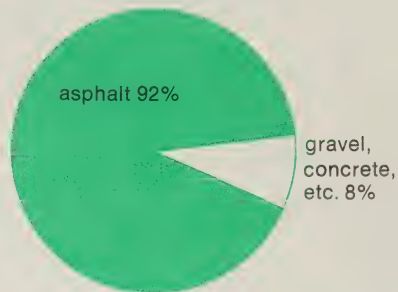
Road Location	Total	Fatal	Personal Injury	Property Damage
Non-Intersection	91,170	956	30,540	59,674
Intersection-Related	25,283	69	7,536	17,678
At Intersection	62,642	268	21,310	41,064
Intersection With Private Drive	20,824	101	5,508	15,215
At Railroad Crossing	936	38	328	570
Underpass or Tunnel	422	6	130	286
Overpass or Bridge	2,126	28	733	1,365
Other	868	4	267	597
Total	204,271	1,470	66,352	136,449

ALL COLLISIONS — 1974 — ROAD TYPE, ROAD CONDITION AND ROAD SURFACE CONDITION

ROAD CONDITION



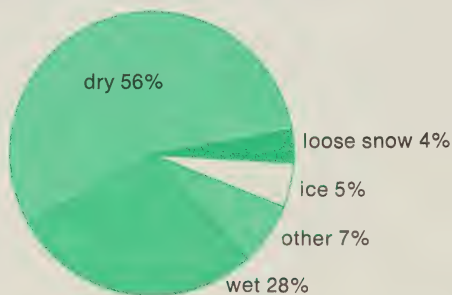
ROAD TYPE



Road Condition	Total	Fatal	Personal Injury	Property Damage
Good	194,863	1,411	63,575	129,877
Under Repair	1,097	11	325	761
Under Const.	2,413	20	755	1,638
Defective	1,525	12	526	987
Other	4,373	16	1,171	3,186
Total	204,271	1,470	66,352	136,449

Road Type	Total	Fatal	Personal Injury	Property Damage
Asphalt	187,679	1,324	60,972	125,383
Gravel or Crushed Stone	9,838	95	3,299	6,444
Concrete	5,468	38	1,673	3,757
Earth	662	5	196	461
Other	624	8	212	404
Total	204,271	1,470	66,352	136,449

ROAD SURFACE CONDITION



Road Surface Condition	Total	Fatal	Personal Injury	Property Damage
Dry	114,717	1,032	40,732	72,953
Wet	56,800	304	17,651	38,845
Loose Snow	8,341	26	1,925	6,390
Slush	6,160	29	1,511	4,620
Packed Snow	5,680	31	1,271	4,378
Ice	10,868	35	2,646	8,187
Mud	157	—	47	110
Loose Sand or Gravel	1,548	13	569	966
Total	204,271	1,470	66,352	136,449

STATISTICS RELATING TO MOTOR VEHICLE TRAFFIC COLLISIONS IN ONTARIO CITIES, TOWNS AND VILLAGES — 1974

Place	Total Collisions	COLLISIONS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Ailsa Craig	14	—	5	9	—	6
Ajax	354	4	134	216	5	208
Alexandria	98	—	30	68	—	34
Alfred	25	—	9	16	—	10
Alliston	82	—	22	60	—	27
Almonte	56	—	11	45	—	16
Alvinston	8	—	2	6	—	2
Amherstburg	92	1	27	64	1	37
Ancaster	278	1	98	179	1	159
Arkona	3	—	2	1	—	2
Arnprior	146	1	43	102	2	51
Arthur	21	—	10	11	—	19
Athens	5	—	2	3	—	2
Aurora	239	4	71	164	4	114
Aylmer	53	—	10	43	—	13
Ayr	14	—	3	11	—	3
Bancroft	40	—	13	27	—	16
Barrie	853	1	240	612	1	366
Barry's Bay	32	—	4	28	—	12
Bath	10	—	3	7	—	4
Bayfield	6	—	4	2	—	5
Beachburg	7	—	2	5	—	3
Beachville	1	—	—	1	—	—
Beeton	12	—	4	8	—	4
Belle River	43	—	8	35	—	8
Belleville	741	3	205	533	3	274
Belmont	9	—	6	3	—	8
Blenheim	66	—	9	57	—	10
Blind River	41	1	11	29	1	15
Bloomfield	7	—	1	6	—	1
Blyth	22	—	2	20	—	5
Bobcaygeon	23	—	3	20	—	4
Bonfield	9	1	2	6	1	3
Bothwell	15	—	3	12	—	5
Bracebridge	75	—	19	56	—	22
Bradford	83	1	19	63	2	26
Braeside	4	—	2	2	—	4
Brampton	1,941	9	572	1,360	9	823
Brantford	1,616	3	305	1,308	3	420
Brighton	43	1	18	24	1	24
Brockville	515	—	111	404	—	154
Bruce Mines	15	1	3	11	1	5
Brussels	20	—	6	14	—	9
Burk's Falls	17	1	4	12	1	4
Burlington	1,694	5	607	1,082	6	871
Cache Bay	3	—	1	2	—	1
Caledon	458	5	175	278	5	290
Caledonia	12	—	6	6	—	9

Place	Total Collisions	COLLISIONS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Cambridge	1,656	4	504	1,148	4	687
Campbellford	62	—	18	44	—	21
Capreol	38	1	17	20	1	23
Cardinal	18	—	6	12	—	13
Carleton Place	93	—	21	72	—	30
Casselman	23	—	3	20	—	4
Cayuga	2	—	—	2	—	—
Chalk River	10	—	1	9	—	1
Chatham	1,080	1	347	732	1	463
Chatsworth	3	—	1	2	—	1
Clifford	13	—	2	11	—	3
Clinton	59	—	12	47	—	19
Cobalt	33	—	6	27	—	8
Cobden	12	—	1	11	—	1
Cobourg	246	—	71	175	—	91
Cochrane	94	—	31	63	—	38
Colborne	19	—	5	14	—	10
Coldwater	10	—	1	9	—	1
Collingwood	248	3	66	179	5	97
Coniston	2	—	1	1	—	1
Cookstown	8	—	4	4	—	7
Copper Cliff	8	—	6	2	—	9
Cornwall	1,144	1	200	943	1	270
Courtright	5	—	—	5	—	—
Creemore	11	—	4	7	—	9
Deep River	43	—	12	31	—	15
Delhi	258	10	97	151	11	157
Deseronto	27	—	2	25	—	4
Drayton	7	—	—	7	—	—
Dresden	23	—	8	15	—	11
Dryden	118	1	26	91	1	37
Dundalk	12	—	2	10	—	3
Dundas	298	3	103	192	3	142
Dunnville	290	5	90	195	5	132
Durham	35	1	12	22	1	15
Dutton	10	—	1	9	—	1
Eganville	21	—	6	15	—	6
Elmira	14	—	5	9	—	6
Elmvale	17	—	5	12	—	5
Elora	38	1	12	25	1	14
Embro	2	—	—	2	—	—
Englehart	23	—	7	16	—	8
Erieau	4	—	1	3	—	2
Erin	18	—	7	11	—	9
Espanola	70	1	23	46	2	40
Essex	80	—	18	62	—	27
Exeter	74	—	13	61	—	15
Fenelon Falls	43	—	19	24	—	31

Place	Total Collisions	COLLISIONS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Fergus	96	—	34	62	—	47
Finch	1	—	1	—	—	1
Flesherton	10	—	4	6	—	8
Forest	46	—	6	40	—	8
Fort Erie	508	—	181	327	—	249
Fort Frances	221	—	71	150	—	113
Frankford	24	1	10	13	1	18
Gananoque	106	—	29	77	—	47
Geraldton	64	1	13	50	1	13
Glencoe	30	—	8	22	—	11
Goderich	110	—	26	84	—	38
Gore Bay	5	—	—	5	—	—
Grand Bend	35	—	10	25	—	14
Grand Valley	2	—	—	2	—	—
Gravenhurst	80	1	20	59	1	30
Grimsby	251	1	86	164	1	116
Guelph	1,086	5	234	847	6	338
Hagersville	270	4	98	168	4	150
Haileybury	102	—	28	74	—	38
Halton Hills	581	4	193	384	4	302
Hamilton	8,566	25	3,006	5,535	27	4,179
Hanover	99	1	18	80	1	20
Harrow	27	—	7	20	—	8
Hastings	7	—	—	7	—	—
Havelock	21	—	6	15	—	8
Hawkesbury	279	—	44	235	—	63
Hearst	85	—	19	66	—	23
Hensall	8	—	2	6	—	5
Hepworth	6	—	3	3	—	5
Highgate	4	—	1	3	—	1
Hilton Beach	1	—	—	1	—	—
Huntsville	77	—	27	50	—	41
Ingersoll	195	—	58	137	—	79
Iron Bridge	6	—	1	5	—	1
Iroquois	7	—	4	3	—	6
Iroquois Falls	96	—	23	73	—	29
Jarvis	3	—	1	2	—	1
Kapuskasing	180	1	41	138	1	54
Kearney	1	—	1	—	—	1
Keewatin	36	—	11	25	—	13
Kemptville	21	—	2	19	—	2
Kenora	220	2	59	159	2	82
Killaloe Station	12	—	3	9	—	3
Kincardine	64	—	16	48	—	22
Kingston	1,347	1	375	971	1	487
Kingsville	47	—	14	33	—	23
Kitchener	3,300	7	868	2,425	8	1,247
Lakefield	28	—	7	21	—	7

Place	Total Collisions	COLLISIONS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Lanark	12	1	3	8	1	7
Lancaster	9	1	5	3	1	9
Latchford	5	—	1	4	—	2
Leamington	255	1	54	200	1	79
Levack	5	—	1	4	—	1
Lincoln	282	—	100	182	—	130
Lindsay	245	1	74	170	1	95
Lion's Head	3	—	1	2	—	2
Listowel	102	1	20	81	1	27
Little Current	25	—	3	22	—	3
Lively	2	—	1	1	—	1
London	6,179	25	2,110	4,044	28	3,059
L'Orignal	18	—	5	13	—	5
Lucan	25	—	6	19	—	9
Lucknow	15	—	7	8	—	8
Madoc	22	—	4	18	—	6
Magnetawan	3	—	—	3	—	—
Markdale	23	—	3	20	—	5
Markham	1,059	3	281	775	3	380
Marmora	35	—	8	27	—	12
Massey	19	—	5	14	—	5
Mattawa	45	—	13	32	—	24
Maxville	17	—	3	14	—	3
Meaford	48	—	17	31	—	23
Merrickville	18	—	3	15	—	5
Midland	246	1	73	172	1	109
Mildmay	12	—	2	10	—	3
Millbrook	10	1	4	5	1	6
Milton	381	5	122	254	8	179
Milverton	21	—	2	19	—	2
Mississauga	4,983	19	1,409	3,555	21	2,046
Mitchell	44	1	7	36	2	10
Morrisburg	28	—	9	19	—	10
Mount Forest	70	—	20	50	—	23
Napanee	129	—	34	95	—	43
Neustadt	5	—	2	3	—	2
Newboro	4	—	1	3	—	1
Newburgh	5	—	2	3	—	2
Newbury	3	—	1	2	—	2
Newcastle	673	9	257	407	13	435
New Hamburg	10	—	3	7	—	3
New Liskeard	98	—	29	69	—	37
Newmarket	333	1	94	238	1	136
Niagara Falls	1,684	4	534	1,146	6	751
Niagara-on-the-lake	333	5	107	221	5	171
North Bay	1,098	4	369	725	4	555
Norwich	24	—	6	18	—	9
Norwood	7	—	1	6	—	1

Place	Total Collisions	COLLISIONS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Oakville	1,302	7	427	868	8	617
Oil Springs	3	—	2	1	—	2
Omeme	7	—	—	7	—	—
Orangeville	161	1	37	123	1	50
Orillia	404	—	128	276	—	184
Oshawa	2,102	7	669	1,426	8	923
Ottawa	10,175	25	2,358	7,792	26	3,128
Owen Sound	383	—	112	271	—	142
Paisley	13	—	1	12	—	1
Palmerston	17	—	4	13	—	4
Paris	124	—	26	98	—	40
Parkhill	24	—	7	17	—	9
Parry Sound	94	1	33	60	1	42
Pelham	154	2	53	99	2	75
Pembroke	183	—	47	136	—	67
Penetanguishene	98	1	27	70	1	33
Perth	124	—	27	97	—	37
Petawawa	51	—	9	42	—	12
Peterborough	1,587	8	492	1,087	9	693
Petrolia	83	—	20	63	—	25
Pickering	554	7	178	369	7	253
Picton	74	—	15	59	—	17
Plantagenet	7	—	3	4	—	3
Point Edward	67	—	19	48	—	23
Port Burwell	14	—	2	12	—	2
Port Colborne	485	4	128	353	4	160
Port Dover	314	4	118	192	5	184
Port Elgin	53	—	16	37	—	20
Port Hope	149	8	41	100	11	74
Port McNicoll	24	1	10	13	1	14
Port Rowan	1	—	—	1	—	—
Port Stanley	44	1	13	30	1	19
Powassan	8	—	2	6	—	3
Prescott	62	2	18	42	2	24
Rainy River	19	—	3	16	—	5
Renfrew	211	2	66	143	2	83
Richmond Hill	688	4	236	448	4	350
Ridgetown	52	—	16	36	—	16
Ripley	9	—	3	6	—	4
Rockcliffe Park	43	—	8	35	—	12
Rockland	58	—	21	37	—	27
Rodney	7	—	2	5	—	2
Rosseau	2	—	—	2	—	—
St. Catharines	2,737	11	804	1,922	12	1,088
St. Clair Beach	16	1	5	10	1	6
St. Isidore de Prescott	6	—	1	5	—	1
St. Marys	67	—	17	50	—	19
St. Thomas	556	1	191	364	1	257

Place	Total Collisions	COLLISIONS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Sarnia	1,462	2	418	1,042	2	598
Sault Ste. Marie	1,733	9	537	1,187	16	791
Seaforth	32	—	11	21	—	29
Shelburne	28	—	8	20	—	8
Simcoe	312	2	108	202	2	157
Sioux Lookout	53	—	13	40	—	14
Smiths Falls	260	—	60	200	—	84
Smooth Rock Falls	10	—	3	7	—	3
Southampton	41	1	10	30	1	18
South River	14	—	2	12	—	2
Springfield	6	—	3	3	—	3
Stayner	32	1	8	23	1	15
Stirling	19	—	4	15	—	5
Stoney Creek	629	2	251	376	2	371
Stratford	535	1	162	372	1	232
Strathroy	112	2	34	76	2	55
Sturgeon Falls	102	2	22	78	2	26
Sudbury	2,220	12	730	1,478	14	1,019
Sundridge	12	—	2	10	—	2
Tara	1	—	—	1	—	—
Tavistock	9	—	3	6	—	4
Tecumseh	90	—	26	64	—	34
Teeswater	10	—	2	8	—	3
Thamesville	17	1	5	11	1	8
Thedford	18	—	5	13	—	5
Thessalon	24	—	8	16	—	14
Thornbury	17	—	4	13	—	5
Thornloe	2	—	1	1	—	1
Thorold	312	2	92	218	2	131
Thunder Bay	2,832	14	934	1,884	16	1,396
Tilbury	87	1	21	65	1	24
Tillsonburg	192	1	46	145	1	59
Timmins	821	5	242	574	7	330
Tiverton	7	—	1	6	—	1
Toronto	46,491	92	15,674	30,725	102	21,505
Tottenham	16	—	5	11	—	5
Trenton	284	1	87	196	1	120
Trout Creek	2	—	1	1	—	1
Tweed	28	1	8	19	1	15
Vanier	433	1	106	326	1	131
Vankleek Hill	27	—	2	25	—	4
Vaughan	1,002	4	304	694	4	486
Victoria Harbour	24	—	11	13	—	14
Vienna	8	—	2	6	—	2
Walkerton	59	—	16	43	—	16
Wallaceburg	269	1	66	202	1	90
Wardsville	4	—	1	3	—	1
Wasaga Beach	149	1	45	103	1	62

Place	Total Collisions	COLLISIONS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Waterdown	1	—	—	1	—	—
Waterford	7	—	1	6	—	1
Waterloo	1,185	6	314	865	6	465
Watford	25	1	5	19	1	8
Webbwood	14	—	4	10	—	5
Welland	1,057	4	317	736	5	454
Wellesley	26	—	7	19	—	9
Wellington	12	—	5	7	—	7
West Lorne	14	—	1	13	—	1
Westport	8	—	2	6	—	3
Wheatley	27	—	11	16	—	12
Whitby	603	6	216	381	6	327
Whitchurch-Stouffville	392	5	138	249	5	245
Warton	24	—	6	18	—	7
Winchester	33	—	4	29	—	4
Windsor	4,692	25	1,719	2,948	25	2,432
Wingham	51	—	9	42	—	15
Woodstock	488	4	189	295	5	278
Woodville	5	—	2	3	—	3
Wyoming	19	—	5	14	—	8
Zurich	3	—	—	3	—	—
Total	146,335	520	45,603	100,212	581	63,915

STATISTICS RELATING TO MOTOR VEHICLE TRAFFIC COLLISIONS BY COUNTIES, DISTRICTS AND REGIONAL MUNICIPALITIES — 1974

County, District or Regional Municipality	Total Collisions	COLLISIONS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Algoma	3,118	39	1,033	2,046	62	1,608
Brant	2,613	16	661	1,936	17	1,002
Bruce	1,275	20	425	830	25	659
Cochrane	2,056	21	635	1,400	26	911
Dufferin	699	11	235	453	14	425
Dundas	344	6	102	236	6	164
Durham	6,025	68	2,127	3,830	80	3,422
Elgin	1,594	20	586	988	26	969
Essex	7,232	61	2,646	4,525	69	3,971
Frontenac	2,572	21	782	1,769	25	1,155
Glengarry	517	7	175	335	8	301
Grenville	554	10	175	369	11	283
Grey	1,659	21	503	1,135	25	786
Haldimand-Norfolk	2,272	47	803	1,422	56	1,295
Haliburton	412	12	148	252	14	256
Halton	4,969	36	1,705	3,228	42	2,578
Hamilton-Wentworth	11,357	45	4,043	7,269	52	5,802
Hastings	2,374	37	777	1,560	40	1,242
Huron	1,335	16	446	873	24	697
Kenora	1,402	20	433	949	24	692
Kent	2,746	33	944	1,769	36	1,406
Lambton	3,093	23	1,043	2,027	27	1,582
Lanark	1,156	10	373	773	11	605
Leeds	1,432	14	434	984	16	661
Lennox & Addington	855	10	303	542	12	460
Manitoulin	277	6	110	161	8	158
Middlesex	8,086	72	2,869	5,145	92	4,382
Muskoka	1,376	17	482	877	25	876
Niagara	8,892	52	2,779	6,061	62	3,991
Nipissing	1,938	24	664	1,250	27	1,037
Northumberland	1,764	28	609	1,127	33	971
Ottawa-Carleton	14,166	66	3,511	10,589	75	4,856
Oxford	1,982	25	706	1,251	32	1,099
Parry Sound	1,090	16	383	691	20	605
Peel	8,904	48	2,670	6,186	55	4,038
Perth	1,466	12	457	997	14	695
Peterborough	2,820	31	932	1,857	35	1,397
Prescott	847	8	232	607	11	372
Prince Edward	435	5	168	262	5	258
Rainy River	652	5	184	463	9	316
Renfrew	1,956	26	635	1,295	32	1,012
Russell	413	4	146	263	4	204
Simcoe	5,698	66	1,944	3,688	79	3,091
Stormont	1,521	6	335	1,180	6	503
Sudbury District	4,131	52	1,448	2,631	61	2,233
Thunder Bay	4,321	47	1,464	2,810	58	2,314
Timiskaming	976	7	294	675	13	445
Victoria	1,170	25	424	721	31	754
Waterloo	7,470	30	2,083	5,357	31	2,997
Wellington	2,583	23	749	1,811	25	1,159
York	55,676	145	18,537	36,994	157	25,978
Total	204,271	1,470	66,352	136,449	1,748	98,673

SUMMARY OF MOTOR VEHICLE TRAFFIC COLLISION STATISTICS

NUMBER OF COLLISIONS

ONTARIO 1974

	Total	Fatal	Personal Injury	Property Damage Only
Collision Involves*				
Single Motor Vehicle.....	45720	457	17515	27748
or				
Motor Vehicle And				
Other Motor Vehicle/s.....	144447	630	37831	105986
Pedestrian.....	6977	288	6680	9
Cyclist.....	3508	45	3446	17
Railroad Train.....	366	34	137	195
Street Car.....	412	7	118	294
Farm Tractor.....	224	3	83	138
Animal.....	1892	4	253	1635
Other.....	725	9	289	425
Total.....	204271	1470	66352	136449

Month of Occurrence				
January.....	18455	75	4945	13435
February.....	14618	77	4041	10500
March.....	16243	92	4663	11488
April.....	13156	87	4480	8589
May.....	16181	139	5739	10311
June.....	17242	222	6419	10801
July.....	16723	175	6457	10091
August.....	16694	169	6285	10240
September.....	16720	133	5893	10694
October.....	16993	150	5644	11199
November.....	19282	151	5900	13231
December.....	21864	108	5886	15870
Total.....	204271	1470	66352	136449

Day of Occurrence				
Sunday.....	25118	229	8945	15944
Monday.....	25524	162	8007	17355
Tuesday.....	27262	168	8589	18605
Wednesday.....	25137	146	8031	16960
Thursday.....	28986	176	9080	19730
Friday.....	35909	255	11422	24232
Saturday.....	36235	334	12278	23623
Total.....	204271	1470	66352	136449

Hour of Occurrence				
12 to 1 A.M.....	6094	66	2190	3838
1 to 2 ".....	8256	98	3137	5021
2 to 3 ".....	4707	62	1739	2906
3 to 4 ".....	2920	28	861	1431
4 to 5 ".....	1449	19	512	918
5 to 6 ".....	1290	16	452	732
6 to 7 ".....	2782	27	885	1879
7 to 8 ".....	7378	31	2123	5229
8 to 9 ".....	9742	35	2812	6895
9 to 10 ".....	6398	36	1751	4611
10 to 11 ".....	6722	33	1946	4743
11 to 12 ".....	8565	41	2560	5964
12 to 1 P.M.....	10122	39	3276	6807
1 to 2 ".....	10067	36	3188	6843
2 to 3 ".....	10666	66	3270	7330
3 to 4 ".....	14455	80	4618	9751
4 to 5 ".....	15562	99	5949	12519
5 to 6 ".....	16440	97	5430	10913
6 to 7 ".....	11519	92	3927	7500
7 to 8 ".....	11313	127	3953	7233
8 to 9 ".....	9636	86	3298	6252
9 to 10 ".....	8121	77	2783	5261
10 to 11 ".....	7630	92	2654	4884
11 to 12 ".....	7830	76	2705	5049
Not Known.....	2293	11	333	1949
Total.....	204271	1470	66352	136449

	Total	Fatal	Personal Injury	Property Damage Only
Light Conditions				
Daylight.....	122535	683	39230	82622
Dawn.....	2196	18	670	1508
Dusk.....	7606	47	2380	5179
Darkness.....	71185	720	23884	46581
Not Known.....	749	2	188	559
Total.....	204271	1470	66352	136449

Road Surface Condition				
Dry.....	114717	1032	40732	72953
Wet.....	56800	304	17651	38845
Loose Snow.....	8341	26	1925	6390
Slush.....	6160	29	1511	4620
Packed Snow.....	5680	31	1271	4378
Ice.....	10868	35	2646	8187
Mud.....	157	7	47	110
Loose Sand or Gravel.....	1548	13	569	966
Total.....	204271	1470	66352	136449

Road Condition				
Good.....	194863	1411	63575	129877
Under Repair.....	1097	11	325	761
Under Construction.....	2413	20	755	1638
Defective.....	1525	12	526	987
Other.....	4373	16	1171	3186
Total.....	204271	1470	66352	136449

Road Type				
Asphalt.....	187679	1324	60972	125383
Gravel or Crushed Stone.....	9838	25	3229	6444
Concrete.....	5468	38	1673	3757
Earth.....	662	5	196	461
Other.....	624	8	212	404
Total.....	204271	1470	66352	136449

Visibility				
Clear.....	155661	1225	52157	102279
Rain.....	27423	142	8470	18809
Snow or Sleet.....	17131	69	4340	12722
Fog, Mist, Smoke or Dust.....	3591	34	1278	2279
Not Known.....	467	7	197	360
Total.....	204271	1470	66352	136449

Place of Occurrence				
Urban Area.....	108552	385	33573	74594
Kings Highway.....	39045	583	13877	24497
(Incl. Sec. Hwy.)	78	2	10	20
Other.....	56662	402	18902	37358
Total.....	204271	1470	66352	136449

Road Location				
Non-Intersection.....	91170	956	30540	59674
Intersection-Related.....	25283	69	7536	17678
At Intersection.....	52647	268	23310	41064
Intersection with				
Private Drive.....	20824	101	5508	15215
At Railroad Crossing.....	936	38	328	570
Underpass or Tunnel.....	422	6	130	286
Overpass or Bridge.....	2126	28	733	1365
Other.....	868	4	267	597
Total.....	204271	1470	66352	136449

*Based on Primary Impact

SUMMARY OF MOTOR VEHICLE TRAFFIC COLLISION STATISTICS

NUMBER OF DRIVERS AND PEDESTRIANS

ONTARIO 1974

Sex of Driver	In All Collisions	In Fatal	In Personal Injury	In Property Damage Only
Male.....	274008	1924	86987	185097
Female.....	62839	284	20777	41778
Total.....	336847	2208	107764	226875

Age of Driver	In All Collisions	In Fatal	In Personal Injury	In Property Damage Only
Under 16.....	762	10	284	468
16-19 Years.....	50823	393	16732	33698
20-24 ".....	66047	461	21882	43704
25-34 ".....	85759	497	27114	58148
35-44 ".....	54118	297	17174	36647
45-54 ".....	42101	260	13145	28696
55-64 ".....	24198	170	7420	16608
65 & Over.....	12412	119	3816	8477
Not Known.....	627	1	197	429
Total.....	336847	2208	107764	226875

Condition of Pedestrian	Killed	Injured
Normal.....	163	5756
Had Been Drinking.....	31	396
Ability Impaired Alcohol.....	37	133
Ability Impaired Drugs.....	7	4
Fatigue.....	2	2
Medical or Physical Defect.....	2	75
Not Known.....	71	976
Other.....	1	102
Total.....	305	7444

Licence of Driver	In All Collisions	In Fatal	In Personal Injury	In Property Damage Only
Licensed.....	319058	2003	101705	215350
Unlicensed.....	6267	74	2489	3704
Not Known.....	1522	31	3570	7821
Total.....	336847	2208	107764	226875

Pedestrian Action	Killed	Injured
Crossing Intersection With Right of Way.....	8	1037
Crossing Intersection Without Right of Way.....	13	470
Crossing Intersection, No Traffic Control.....	11	188
Crossing Pedestrian Crossover.....	2	319
Walking on Roadway With Traffic.....	31	243
Walking on Roadway Against Traffic.....	15	120
On Sidewalk or Shoulder.....	22	437
Coming From Behind Parked Vehicle or Object.....	14	782
Playing or Working on Highway.....	4	166
Running into Roadway.....	63	1833
Crossing Through Traffic.....	62	868
Other.....	60	981
Total.....	305	7444

Residence of Driver	In All Collisions	In Fatal	In Personal Injury	In Property Damage Only
Alberta.....	346	5	106	235
British Columbia.....	379	2	128	246
Manitoba.....	591	7	191	383
New Brunswick.....	159	1	46	112
Newfoundland.....	116	-	30	86
Nova Scotia.....	198	1	68	129
Ontario.....	325340	2078	104197	219065
Prince Edward Island.....	48	-	17	31
Quebec.....	4703	48	1252	3404
Saskatchewan.....	144	1	39	104
Yukon and Northwest Territories.....	19	1	8	10
United States.....	4476	62	1585	2829
Other Foreign.....	337	2	96	239
Not Known.....	3	-	1	2
Total.....	336847	2208	107764	226875

Condition of Driver	In All Collisions	In Fatal	In Personal Injury	In Property Damage Only
Normal.....	292555	1312	90250	200993
Had Been Drinking.....	21495	305	9440	11750
Ability Impaired Alcohol.....	9782	306	3779	5697
Ability Impaired Drugs.....	308	-	110	198
Fatigue.....	248	2	122	504
Medical or Physical Defect.....	596	7	271	316
Not Known.....	10613	269	3294	7050
Other.....	550	4	181	365
Total.....	336847	2208	107764	226875

Apparent Driver Action	In All Collisions	In Fatal	In Personal Injury	In Property Damage Only
Driving Properly.....	152461	917	49311	102233
Following Too Close.....	12710	6	5892	13812
Speed Too Fast.....	29737	394	11174	18169
Improper Turn.....	12430	50	2920	9460
Disobey Traffic Signal.....	5740	24	2249	3467
Disobey Stop Sign.....	4689	58	1930	2701
Fail To Yield Right-Of-Way.....	34693	150	9619	24924
Improper Passing.....	5000	62	1295	3643
Lost Control.....	25253	151	8604	16498
Wrong Way On One-Way Road.....	367	3	121	243
Not Known.....	16998	248	4735	14945
Other.....	29769	175	9914	19680
Total.....	336847	2208	107764	226875

SUMMARY OF MOTOR VEHICLE TRAFFIC COLLISION STATISTICS

NUMBER OF VEHICLES

ONTARIO 1974

Type of Vehicle	In All Collisions	In Fatal	Personal Injury	Property Damage
Passenger Car.....	309928	1716	93750	214462
Passenger Car & Trailer.....	1386	16	396	984
Truck.....	37271	308	10812	26151
Truck & Trailer.....	1386	13	499	1474
Tractor & Semi-Trailer.....	4451	93	1269	3089
Motorcycle.....	4546	105	3933	508
Bus.....	2546	5	873	1668
School Bus.....	661	3	212	446
Other - Or Not Known.....	5395	97	4170	1128
Non Motor Vehicle.....	4646	8	317	4321
Total.....	372816	2364	116221	254231

Vehicle Maneuver	In All Collisions	In Fatal	Personal Injury	Property Damage
Going Ahead.....	226332	1919	77944	146469
Overtaking.....	8925	96	2711	6118
Turning Left.....	38366	110	11148	27108
Turning Right.....	11655	15	2464	9176
Making "U" Turn.....	1034	5	325	704
Changing Lanes.....	7924	32	1636	6256
Merging.....	1249	1	260	988
Reversing.....	7265	10	789	6466
Stopped or Parked.....	55759	105	15847	39807
Pulling Away From Shoulder or Curb.....	2172	1	372	1799
Pulling Onto Shoulder or Into Curb.....	1074	5	271	798
Not Known or Other.....	11061	65	2454	8542
Total.....	372816	2364	116221	254231

Condition of Vehicle				
No Apparent Defect.....	342604	1934	107627	233043
Service Brakes Defective.....	2301	23	814	1464
Steering Defective.....	465	2	187	276
Tire Puncture or Blow Out.....	1337	7	568	762
Tire Tread Insufficient.....	1336	44	557	735
Headlamps Defective.....	179	4	90	85
Other Lamps or Reflectors Defective.....	706	9	225	472
Engine Controls Defective.....	517	4	206	307
Wheels or Suspension Defective.....	367	2	107	258
Vision Obscured.....	305	1	77	227
Other Defects.....	2268	25	697	1546
Not Known.....	20431	309	5066	15056
Total.....	372816	2364	116221	254231

Insurance				
Insured.....	330609	2044	101715	226850
Not Insured.....	19845	208	8017	11620
Not Known.....	22362	112	6489	15761
Total.....	372816	2364	116221	254231

Amount of Property Damage

\$..... 205,830,524.....

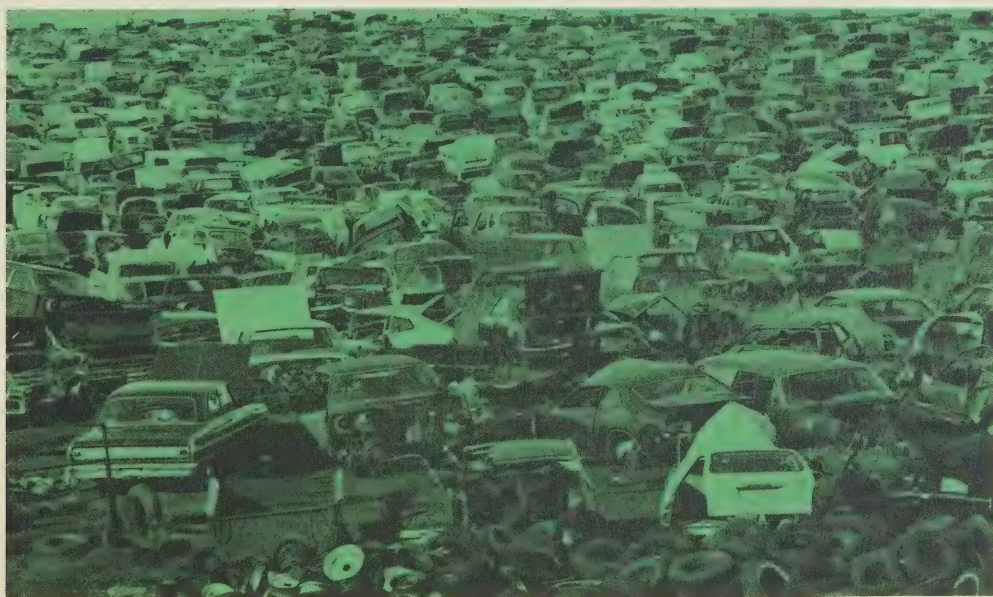
Model Year of Vehicle				
1975.....	1380	9	387	984
1974.....	38602	270	12621	25711
1973.....	54264	333	17076	36855
1972.....	43855	287	13502	30066
1971.....	34052	206	10283	23563
1970.....	32361	201	9650	22510
1969.....	37145	214	11075	25856
1968 & Earlier.....	115554	746	36360	78448
Not Known.....	15603	98	5267	10238
Total.....	372816	2364	116221	254231



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motor vehicle accident facts 1975



Ontario

Ministry of
Transportation and
Communications

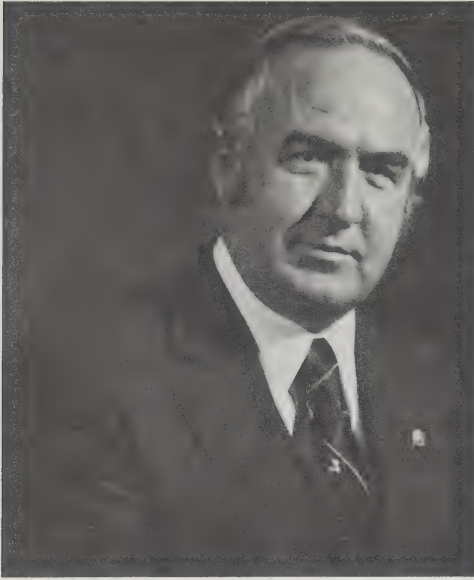


MOTOR VEHICLE ACCIDENT FACTS — 1975



**Ministry of
Transportation and
Communications**

**Collision Data Section
Licensing and Control Division
Drivers and Vehicles**



Accidents continue to be a major cause of concern in Ontario.

Although total accidents increased by 4.6 per cent, the number of motor vehicles registered also increased by more than 4.5 per cent to 3.9-million and licensed drivers now total over four million.

For the year 1975, the number of persons injured in accidents and the number of personal injury accidents decreased. Over 1,600 fewer people were injured compared with 1974.

In accidents involving drivers wearing seat belts, there were 16.2 per cent fewer injuries than in 1974. Those figures were before the mandatory seat belt legislation came into effect. We expect more encouraging results for 1976.

One of the goals of this Ministry is to foster highway safety. Thus we are always striving towards this goal, through our safety education programs involving seat belts, bicycles, motorcycles, mopeds, automobiles and pedestrians.

Only if the motoring public and the Ministry work together can we make safety not just a word, but a way of life for all of us.

James Snow,
Minister of
Transportation and Communications

MOTOR VEHICLE ACCIDENT FACTS — 1975

The statistical information on the following pages relates to motor vehicle accidents reported to the Ontario Ministry of Transportation and Communications during the calendar year 1975 which resulted in death or injury to persons, or in property damage in excess of \$200.

The report is divided into three major sections dealing with:

- A. A summary of the property damages, injuries and deaths arising from motor vehicle accidents in Ontario in 1975.
- B. A description of trends in motor vehicle accidents and in death and injury rates over the period 1966-1975.
- C. Selected characteristics of motor vehicle accidents.

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	— number of accidents	
	— number of drivers and pedestrians	
	— number of victims	
	— number of vehicles	

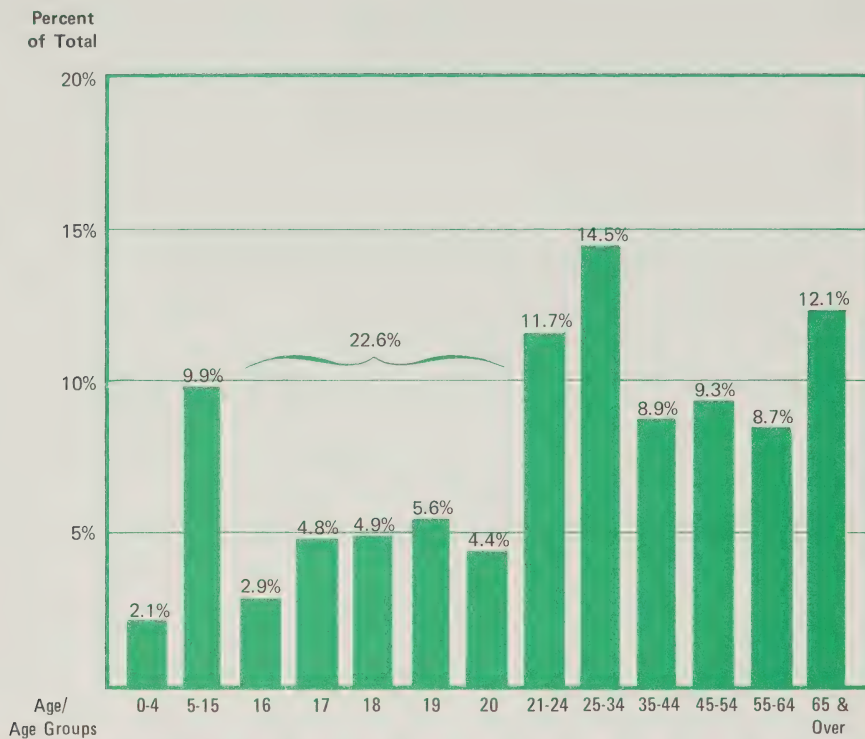
SUMMARY:

In 1975, there were increases of 3.4% in fatal accidents and 3.0% in persons killed while non-fatal injury accidents and personal injuries decreased 0.8% and 1.7% respectively. Property damage accidents were up 7.3% from the previous year.

Motorcycle drivers killed increased 12.8% while motorcycle driver injuries decreased 2.4%. Bicyclists killed and injured increased 24.4% and 7.2% respectively.

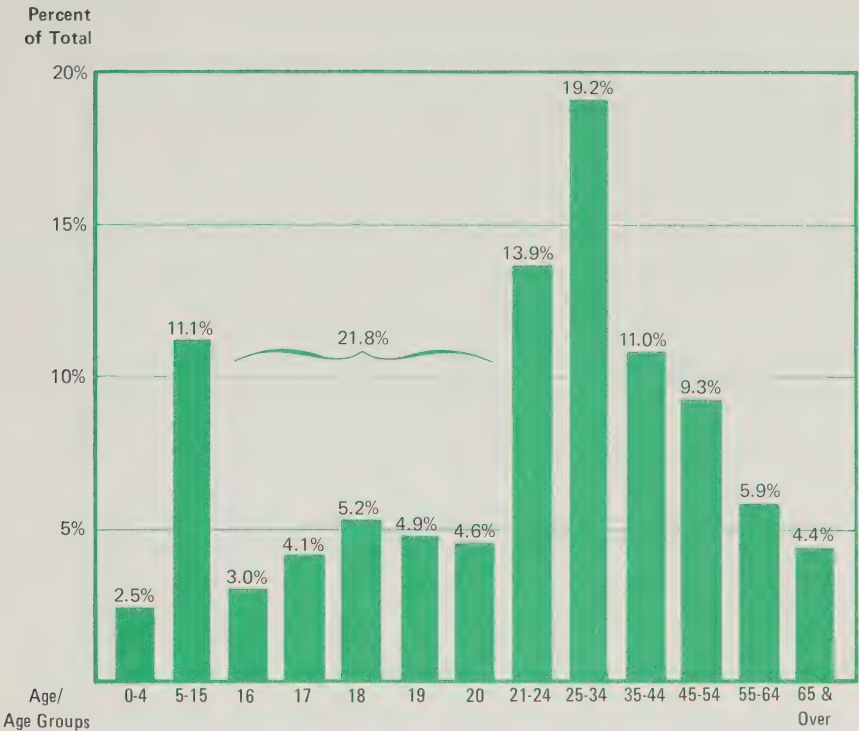
COMPARATIVE STATISTICS 1974-1975			
	1974	1975	% of Change
Total Reportable Motor Vehicle Accidents	204,271	213,689	+ 4.6
Fatal Accidents	1,470	1,520	+ 3.4
Personal Injury Accidents	66,352	65,811	- 0.8
Property Damage Only Accidents	136,449	146,358	+ 7.3
Persons Killed	1,748	1,800	+ 3.0
Persons Injured	98,673	97,034	- 1.7
Vehicle Accident Rate per Million Miles Travelled*	5.2	5.3	+ 1.9
Fatal Accident Rate per 100 Million Miles Travelled*	3.7	3.8	+ 2.7
Death Rate per 100 Million Miles Travelled*	4.4	4.5	+ 2.3
Motor Vehicles Registered	3,762,500*	3,931,812*	+ 4.5
Millions of Vehicle Miles Travelled	39,400**	40,013**	+ 1.6
Ontario Population	8,143,000*	8,226,000*	+ 1.0
Drivers Licensed	3,972,980	4,160,623	+ 4.7
Amount of Property Damage	\$ 205,830,000*	\$ 224,980,000*	+ 9.3
* Estimated			
** Mileage estimated on the basis of 13.72 miles per gallon of taxed gasoline and motor fuel.			

CLASS OF VICTIMS, BY AGE / AGE GROUPS — KILLED



Victim	Total	Class of Victims, By Age/Age Groups — Killed													Not Stated
		0-4	5-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65 & Over	
Driver	774	—	1	9	32	37	47	32	104	160	94	96	89	73	—
Passenger	540	20	56	25	37	29	30	25	67	55	45	48	40	61	2
Pedestrian	294	17	70	2	10	4	6	7	12	25	14	18	26	82	1
Bicyclist	56	—	36	6	2	2	—	—	1	3	3	2	—	1	—
Moped Driver	9	—	5	1	—	—	1	—	—	1	—	1	—	—	—
Motorcycle Driver	97	—	6	7	5	11	15	14	22	13	4	—	—	—	—
Motorcycle Passenger	16	—	3	1	1	2	2	2	3	1	—	1	—	—	—
Other	14	—	1	2	—	3	—	—	1	3	—	1	2	1	—
Total	1,800	37	178	53	87	88	101	80	210	261	160	167	157	218	3

CLASS OF VICTIMS, BY AGE / AGE GROUPS — INJURED



Victim	Total	Class of Victims, By Age/Age Groups — Injured													Not Stated
		0-4	5-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65 & Over	
Driver	45,847	7	180	732	1,499	2,133	2,301	2,185	7,387	12,061	6,979	5,441	3,173	1,748	21
Passenger	35,658	1,742	5,183	1,476	1,751	2,040	1,683	1,590	4,377	5,170	3,136	2,994	2,046	1,798	672
Pedestrian	7,299	662	2,783	174	144	145	156	144	435	590	413	471	417	638	127
Bicyclist	3,720	19	2,329	214	187	167	120	104	221	163	56	40	28	25	47
Moped Driver	496	—	83	57	47	46	27	24	64	66	27	25	13	11	6
Motorcycle Driver	3,181	—	81	168	293	386	397	360	856	505	81	28	8	4	14
Motorcycle Passenger	679	4	72	60	76	97	95	64	116	64	9	2	1	—	19
Other	154	2	30	9	10	8	8	9	17	25	15	12	6	2	1
Total	97,034	2,436	10,741	2,890	4,007	5,022	4,787	4,480	13,473	18,644	10,716	9,013	5,692	4,226	907

A SUMMARY OF TRENDS IN MOTOR VEHICLE ACCIDENTS AND IN DEATH AND INJURY RATES OVER THE PERIOD 1966-1975

SUMMARY:

Between 1966 and the end of 1975, Ontario's population and the number of licensed drivers, motor vehicle registrations and motor vehicle accidents were all on the rise. During those years, traffic deaths increased from 1,596 to a high of 1,959 during the year 1973 with a decrease to 1,748 in 1974 and 1,800 deaths this year. The population grew from 6.96 million to 8.22 million. The 1975 fatality rate of 21.9 and the 1974 fatality rate of 21.5 per 100,000 population indicates a return to the traditional trend in accidents after the rapid increases of 23.0 in 1971, 24.6 in 1972 and 24.5 in 1973.

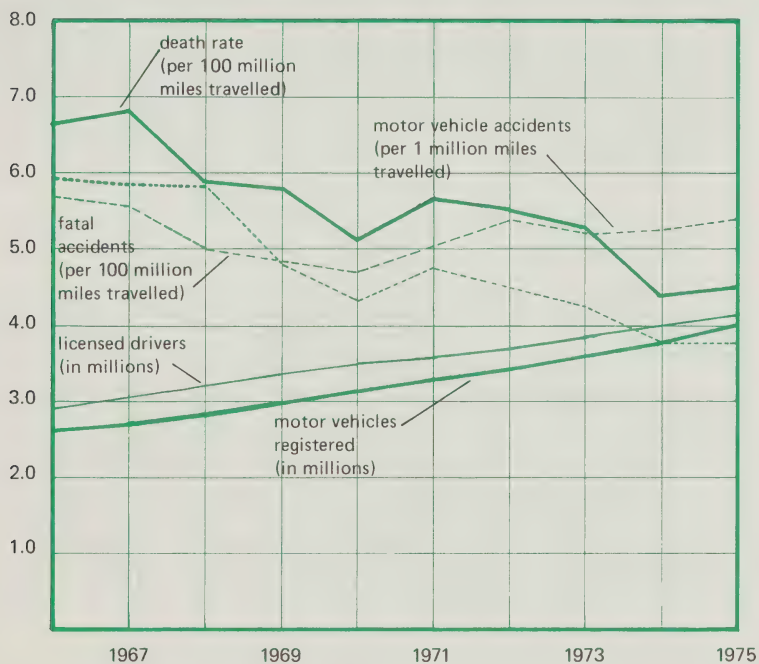
There was a slight decrease in the number of people injured during 1975 from 98,673 to 97,034. The 1975 injury rate per 100,000 population decreased to 1,179.6 from 1,211.8 in 1974.

This year, the number of motor vehicle accidents reported totalled 213,689, an increase of 4.6% over 1974. There were increases of 3.4% in fatal accidents and 3.0% in persons killed while the personal injury accidents and number of persons injured decreased 0.8% and 1.7% respectively.

The motor vehicle accident rate per one million miles travelled increased this year to 5.3; the death rate per 100 million miles travelled increased to 4.5; the fatal accident rate of 3.8 per 100 million miles travelled was a slight increase over the 1974 rate of 3.7 which was the lowest fatal motor vehicle accident rate during the past 20 years.

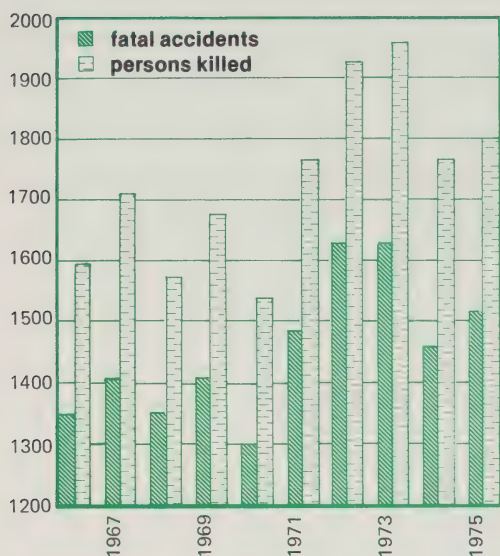
The number of miles driven in 1975 was estimated at 40,013,949,000 an increase of 1.6% over the 1974 figure.

**TRENDS IN MOTOR VEHICLE REGISTRATIONS, LICENSED DRIVERS, MOTOR
VEHICLE ACCIDENT RATES, DEATH RATES, FATAL ACCIDENT RATES
1966 - 1975**



FATAL ACCIDENTS AND PERSONS KILLED

1966 - 1975



FATAL MOTOR VEHICLE ACCIDENT VICTIMS IN ONTARIO BY CLASS OF ROAD USER - ALL AGES

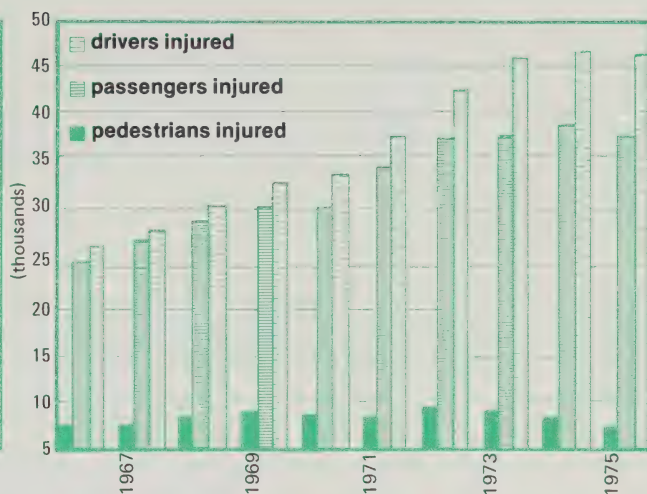
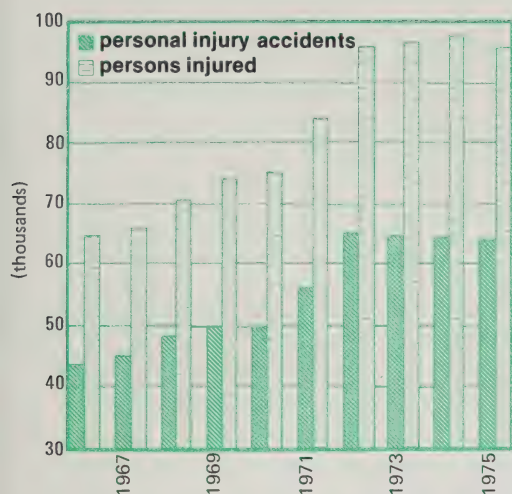
Year	Ontario Population	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/100,000**	No.	Rate/100,000	No.	Rate/100,000	No.	Rate/100,000	No.	Rate/100,000
1966	6,961,000	615	13.3	505	7.2	380	5.5	96	1.4	1,596	22.9
1967	7,149,000	672	14.0	557	7.8	393	5.5	97	1.4	1,719	24.0
1968	7,306,000	643	13.0	501	6.8	336	4.6	106	1.4	1,586	21.7
1969	7,452,000	707	13.9	537	7.2	346	4.6	93	1.2	1,683	22.6
1970	7,637,000	633	12.1	445	5.8	365	4.8	92	1.2	1,535	20.1
1971	7,703,000	740	13.8	557	7.2	357	4.6	115	1.5	1,769	23.0
1972	7,865,000	827	15.0	581	7.4	383	4.9	143	1.8	1,934	24.6
1973	7,988,000	830	14.9	584	7.3	346	4.3	167	2.1	1,959	24.5
1974	8,143,000	778	13.8	526	6.4	305	3.7	139	1.7	1,748	21.5
1975	8,226,000	774	13.1	556	6.8	294	3.6	176	2.1	1,800	21.9

* Includes motorcycle passengers.

** Rate per 100,000 population 16 years of age and over.

PERSONAL INJURY ACCIDENTS AND PERSONS INJURED

1966 - 1975



NON-FATAL MOTOR VEHICLE ACCIDENT VICTIMS IN ONTARIO BY CLASS OF ROAD USER – ALL AGES

Year	Ontario Population	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/ 100,000**	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000
1966	6,961,000	27,446	592.4	26,110	375.1	7,092	101.9	4,562	65.5	65,210	936.8
1967	7,149,000	28,169	587.2	27,780	388.6	7,091	99.2	4,240	59.3	67,280	941.1
1968	7,306,000	30,968	627.6	28,952	396.3	7,302	99.9	4,298	58.8	71,520	978.9
1969	7,452,000	32,928	648.0	30,199	405.2	7,610	102.1	4,165	55.9	74,902	1,005.1
1970	7,637,000	33,007	628.1	30,145	394.7	7,538	98.7	4,436	58.1	75,126	983.7
1971	7,703,000	37,936	709.6	34,116	442.9	7,508	97.5	5,090	66.1	84,650	1,098.9
1972	7,865,000	43,910	795.3	37,606	478.1	7,941	101.0	5,724	72.8	95,181	1,210.2
1973	7,988,000	46,414	832.4	37,716	472.2	7,603	95.2	6,057	75.8	97,790	1,224.2
1974	8,143,000	46,621	825.0	37,728	463.3	7,444	91.4	6,880	84.5	98,673	1,211.8
1975	8,226,000	45,847	778.1	36,337	441.7	7,299	88.7	7,551	91.8	97,034	1,179.6

* Includes motorcycle passengers.

** Rate per 100,000 population 16 years of age and over.

MOTOR VEHICLE ACCIDENTS INVOLVING SCHOOL VEHICLES – SCHOOL YEARS 1965-66 – 1974-75

School Year	Pupils Transported Daily	Number of Accidents (1)	PUPIL FATALITIES/PERSONAL INJURIES				Injury Rate Per 100,000 Pupils	
			Crossing Road (2)	Within School Vehicle	Other	Total	Fatal	Non-Fatal
1965-66	332,039	287	5/21	0/18	0/8	5/47	1.5	14
1966-67	398,065	409	1/21	9*/105	0/13	10/139	2.5	35
1967-68	414,216	498	2/18	0/89	1/12	3/119	0.7	29
1968-69	447,638	559	3/10	2/152	2/17	7/179	1.6	40
1969-70	478,224	383	4/12	2/109	1/5	7/126	1.5	26
1970-71	523,284	490	0/21	1/151	2/36**	3/208	0.6	40
1971-72	545,046	508	0/9	1/153	1/19	2/181	0.4	33
1972-73	558,549	542	0/9	0/233***	3‡/18	3/260	0.6	47
1973-74	592,026	575	1/6	0/364††	0/17	1/387	0.2	65
1974-75	577,912	622	4/19	2/205	0/28	6/252	1.0	44

MOTOR VEHICLE ACCIDENT STATISTICS INVOLVING SCHOOL VEHICLES – SCHOOL YEARS 1973-74 – 1974-75

Type Of School Vehicle	Nature Of Accident				Total Number Of Accidents (1)	PUPIL FATALITIES/PERSONAL INJURIES								Total Fatalities/ Injuries
						Speed Zones				Within School Vehicle		Other		
	Over 35 mph	Under 35 mph	Over 35 mph	Under 35 mph										
	Fatal- ities (2)	Personal Injuries (2)		Fatal- ities		Personal Injuries	Fatal- ities	Personal Injuries						
1973-74														
School Bus	1	64	84	338	487	1	—	5	1	—	333††	—	13	1/352
Van	—	10	10	19	39	—	—	—	—	—	16	—	2	18
Station Wagon	—	8	3	13	24	—	—	—	—	—	11	—	2	13
Other Buses	—	2	2	21	25	—	—	—	—	—	4	—	—	4
Total	1	84	99	391	575	1	—	5	1	—	364	—	17	1/387
1974-75														
School Bus	3	77	109	354	543	4	—	8	10	2	160	—	22	6/200
Van	1	14	5	26	46	—	—	—	1	—	24	—	5	30
Station Wagon	—	3	1	4	8	—	—	—	—	—	13	—	1	14
Other Buses	—	3	8	14	25	—	—	—	—	—	8	—	—	8
Total	4	97	123	398	622	4	—	8	11	2	205	—	28	6/252

(1) Accidents involving a school vehicle directly or indirectly while transporting pupils to or from school.

(2) Pupil struck by approaching vehicle (excluding school vehicle) while waiting to board school vehicle, crossing road to board or after leaving school vehicle.

* Includes one accident resulting in eight pupil fatalities.

** Includes one accident resulting in fifteen pupil injuries.

*** Includes 3 separate accidents resulting in a total of fifty-six pupil injuries (27, 17, 12).

‡ Includes one school age pedestrian who ran across a street into the path of an oncoming school bus; two pupils, after being discharged, were fatally injured by school buses while attempting to cross the streets in front of the buses.

‡‡ Includes 6 separate accidents resulting in a total of 196 pupil injuries (46, 39, 35, 32, 25, 18).

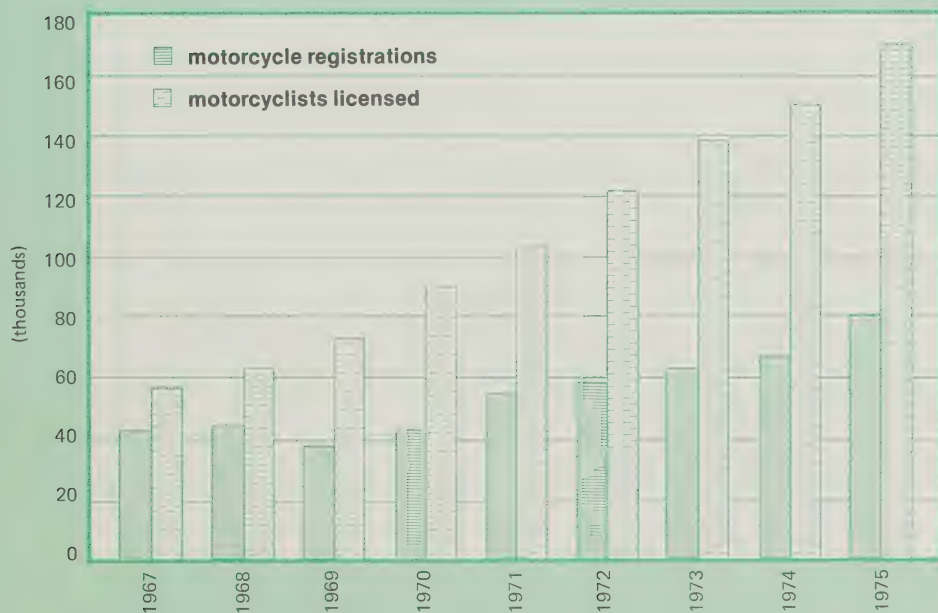
MOTORCYCLE ACCIDENT STATISTICS

In 1975 the number of motorcycle drivers and passengers killed increased 12.8% and 23.1% respectively. The motorcyclists injuries decreased slightly — 2.4% fewer driver injuries and 4.1% fewer passenger injuries.

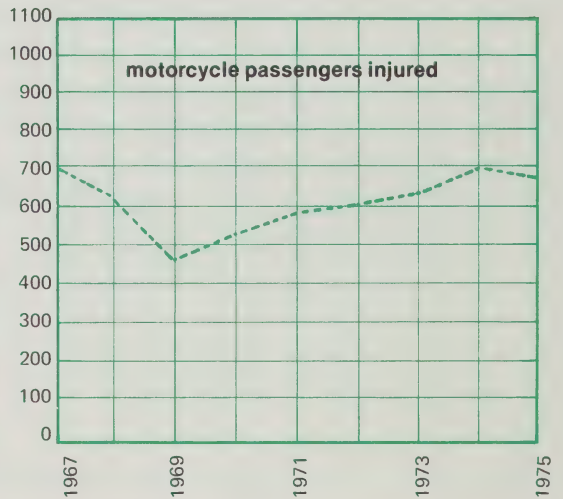
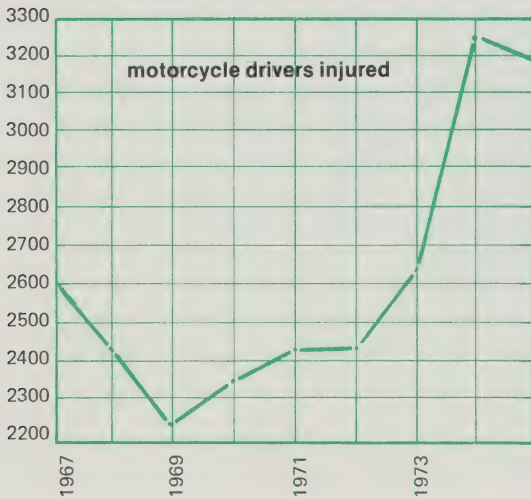
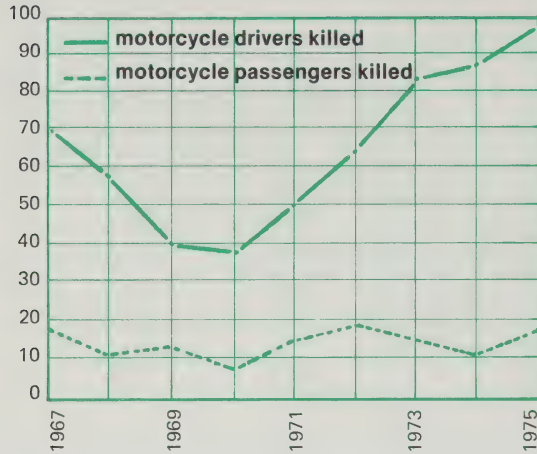
The motorcycle driver fatality rate per 100 thousand drivers increased from 55.8 in 1974 to 56.4 in 1975. The motorcycle driver injury rate decreased from 2,113.6 in 1974 to 1,850.5 this year.

The number of licensed drivers authorized to operate motorcycles increased 11.4% from 154,241 in 1974 to 171,900 in 1975. Motorcycle registrations were up an estimated 12% this year.

MOTORCYCLE REGISTRATIONS AND LICENSED MOTORCYCLISTS 1967 - 1975



MOTORCYCLISTS KILLED AND INJURED



MOTORCYCLISTS KILLED AND INJURED

Year	Drivers		% Change Re: 1967		Passengers		% Change Re: 1967	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
1967	66	2,595	—	—	15	713	—	—
1968*	55	2,448	−16.7	− 5.7	10	637	−33.3	−10.7
1969	40	2,228	−39.4	−14.1	11	469	−26.7	−34.2
1970	39	2,348	−40.9	− 9.5	8	530	−46.7	−25.7
1971	51	2,418	−22.7	− 6.8	15	597	—	−16.3
1972	66	2,424	—	− 6.6	17	605	+13.3	−15.2
1973	84	2,623	+27.3	+ 1.1	16	623	+ 6.7	−12.6
1974	86	3,260	+30.3	+25.6	13	708	−13.3	− 0.7
1975	97	3,181	+47.0	+22.6	16	679	+ 6.7	− 4.8

* Amendments to the Highway Traffic Act in 1968 required motorcyclists to wear approved safety helmets.

MOTOR VEHICLE ACCIDENTS BY PLACE OF OCCURRENCE

1966 - 1975

FATAL ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1966	434	105	514	294	1,347
1967	442	103	530	325	1,400
1968	389	111	535	311	1,346
1969	425	106	530	349	1,410
1970	400	119	486	295	1,300
1971	458	128	534	378	1,498
1972	473	105	673	369	1,620
1973	404	132	606	483	1,625
1974	385	118	565	402	1,470
1975	487	143	537	353	1,520

PERSONAL INJURY ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1966	29,939	1,912	6,209	6,186	44,246
1967	29,105	2,215	6,982	6,721	45,023
1968	30,784	2,438	7,342	7,155	47,719
1969	32,297	2,059	8,217	7,563	50,136
1970	32,230	2,899	7,677	7,566	50,372
1971	34,794	1,846	10,421	9,056	56,117
1972	39,685	3,861	10,137	9,858	63,541
1973	37,067	3,780	10,351	14,137	65,335
1974	33,573	3,780	10,097	18,902	66,352
1975	32,923	3,955	10,085	18,848	65,811

ALL MOTOR VEHICLE ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1966	91,723	6,532	22,343	19,183	139,781
1967	92,952	7,309	24,131	20,616	145,008
1968	100,611	8,087	25,236	21,193	155,127
1969	110,933	9,192	25,888	23,382	169,395
1970	92,091	8,394	21,890	19,234	141,609**
1971	100,479	9,070	24,222	25,060	158,831
1972	123,366	8,786	29,713	27,629	189,494
1973	114,170	11,333	26,882	40,636	193,021
1974	108,552	11,562	27,495	56,662	204,271
1975	112,358	12,693	28,465	60,173	213,689

* Includes Secondary Highways.

** Minimum reportable property damage amount changes from over \$100 to over \$200 on January 1, 1970.

MOTOR VEHICLE ACCIDENTS BY TYPE (BASED ON PRIMARY IMPACT) 1966 - 1975

FATAL ACCIDENTS INVOLVING

Year	Single Motor Vehicle	Motor Vehicle And								Total
		Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Trac ⁺ tor	Animal	Other [‡]	
1966	369	516	364	39	41	2	—	1	15	1,347
1967	387	545	373	23	53	2	—	5	12	1,400
1968	394	542	317	45	34	1	—	4	9	1,346
1969	423	563	327	40	42	2	—	—	13	1,410
1970	344	525	336	41	32	—	1	6	15	1,300
1971	442	611	335	51	34	—	1	7	17	1,498
1972	444	666	364	65	43	—	4	5	29	1,620
1973	488	676	321	69	42	1	8	3	17	1,625
1974	457	630	288	45	34	—	3	4	9	1,470
1975	480	651	273	64 *	22	2	6	7	15	1,520

PERSONAL INJURY ACCIDENTS INVOLVING

Year	Single Motor Vehicle	Motor Vehicle And								Total
		Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Trac ⁺ tor	Animal	Other [‡]	
1966	10,058	25,517	6,508	1,510	144	147	—	153	209	44,246
1967	10,400	25,945	6,511	1,495	136	99	—	190	247	45,023
1968	11,388	27,240	6,689	1,682	137	132	—	179	272	47,719
1969	11,803	28,838	6,951	1,759	143	119	—	196	327	50,136
1970	11,463	29,265	6,891	1,869	136	102	59	223	364	50,372
1971	13,163	32,407	6,699	2,472	142	92	77	230	835	56,117
1972	15,203	36,822	7,060	3,120	141	80	101	233	781	63,541
1973	16,733	37,564	6,827	3,329	131	89	90	237	335	65,335
1974	17,515	37,831	6,680	3,446	137	118	83	253	289	66,352
1975	17,274	36,914	6,570	4,218 *	125	131	101	265	213	65,811

ALL MOTOR VEHICLE ACCIDENTS INVOLVING

Year	Single Motor Vehicle	Motor Vehicle And								Total
		Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Trac ⁺ tor	Animal	Other [‡]	
1966	29,206	98,978	6,877	1,557	440	448	—	1,323	952	139,781
1967	30,254	102,638	6,884	1,530	403	432	—	1,440	1,427	145,008
1968	32,941	109,591	7,006	1,741	401	468	—	1,510	1,469	155,127
1969	34,409	121,865	7,278	1,815	374	434	—	1,658	1,562	169,395
1970	28,511	101,011	7,227	1,918	320	275	145	1,317	885	141,609
1971	32,167	112,671	7,037	2,541	366	298	219	1,402	2,130	158,831
1972	39,033	135,500	7,438	3,217	390	287	250	1,397	1,982	189,494
1973	41,965	137,039	7,161	3,412	322	353	254	1,554	961	193,021
1974	45,720	144,447	6,977	3,508	366	412	224	1,892	725	204,271
1975	48,283	150,252	6,860	4,328 *	328	536	306	2,159	637	213,689

* Includes Moped Driver

+ Included with Other 1966-1969.

‡ Includes Horse Drawn Vehicles.

SELECTED CHARACTERISTICS OF MOTOR VEHICLE ACCIDENTS

SUMMARY: The following tables present motor vehicle accident information in relation to selected driver, vehicle, pedestrian and road characteristics. Listings of accidents by various geographic areas of the province are included.

CONDITION OF DRIVER								
Condition	All Accidents				Fatal Accidents			
	1974	%	1975	%	1974	%	1975	%
Apparently Normal	292,555	86.8	306,392	87.2	1,312	59.4	1,379	60.4
Ability Impaired By Alcohol	9,782	2.9	9,900	2.8	306	13.9	300	13.2
Had Been Drinking	21,495	6.4	21,020	6.0	305	13.8	304	13.3
Other	2,402	0.7	2,416	0.7	16	0.7	29	1.3
Not Known	10,613	3.2	11,420	3.3	269	12.2	269	11.8
Total	336,847	100.0	351,148	100.0	2,208	100.0	2,281	100.0

RECORDED OCCURRENCE OF ALCOHOL IN DRIVERS KILLED				
Recorded Occurrence	Number of Drivers*			
	1974	%	1975	%
Apparently Normal	326	47.7	335	48.2
Ability Impaired By Alcohol	247	36.2	234	33.6
Had been Drinking	110	16.1	127	18.2
Total	683	100.0	696	100.0

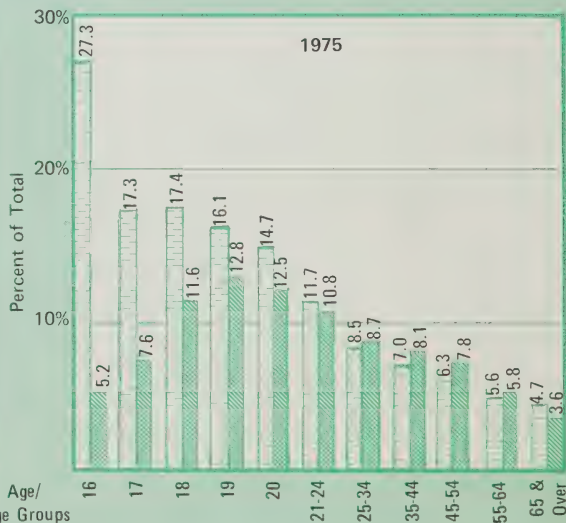
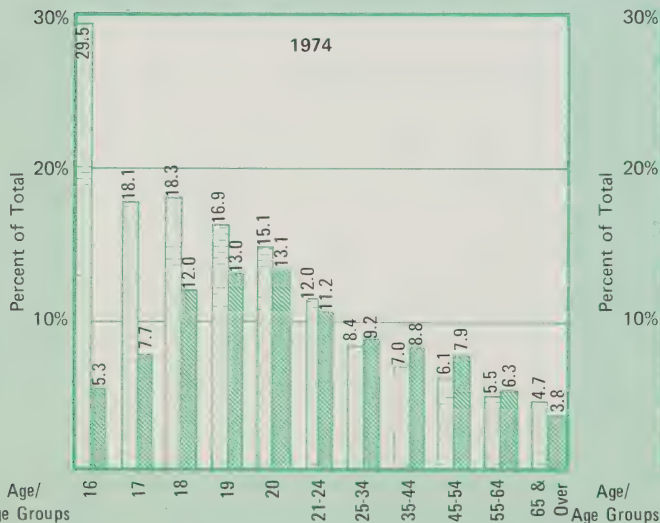
* Excludes cases where alcohol usage information was not provided.

**LICENSED DRIVERS AS COMPARED WITH DRIVERS INVOLVED IN
MOTOR VEHICLE ACCIDENTS — BY AGE / AGE GROUPS
1974 - 1975**

Drivers Age/ Age Groups	DRIVERS				% Of Drivers Of Each Age/Age Groups Involved In Accidents	
	Licensed		Involved In Accidents			
	1974	1975	1974	1975	1974	1975
Under 16	—	—	762	753	—	—
16	22,887	25,381	6,742	6,936	29.5	27.3
17	67,400	71,516	12,223	12,367	18.1	17.3
18	86,321	92,042	15,781	16,049	18.3	17.4
19	95,338	101,171	16,077	16,326	16.9	16.1
20	101,394	105,905	15,280	15,527	15.1	14.7
21 - 24	423,240	444,681	50,767	52,224	12.0	11.7
25 - 34	1,015,373	1,072,794	85,759	91,253	8.4	8.5
35 - 44	770,431	789,779	54,118	55,576	7.0	7.0
45 - 54	686,963	705,586	42,101	44,114	6.1	6.3
55 - 64	439,989	465,360	24,198	25,874	5.5	5.6
65 & Over	263,644	286,408	12,412	13,515	4.7	4.7
Not Known	—	—	627	634	—	—
Total	3,972,980	4,160,623	336,847	351,148		

Percentage of Licenced Drivers of Each Age/Age Groups Involved in Motor Vehicle Accidents

Percentage of Drivers By Age/Age Groups Involved in Motor Vehicle Accidents Who Had Been Drinking or Their Ability To Drive was Impaired by Alcohol



DRIVER CONDITION BY AGE/AGE GROUPS IN ALL MOTOR VEHICLE ACCIDENTS 1974-1975

Age Group	Normal		Ability Impaired-Alcohol		Had Been Drinking		Other		Not Known		Total	
	1974	1975	1974	1975	1974	1975	1974	1975	1974	1975	1974	1975
Under 16	591	589	12	11	57	67	18	14	84	72	762	753
16	6,053	6,251	59	64	312	297	48	45	270	279	6,742	6,936
17	10,722	10,868	189	198	769	736	103	81	440	484	12,223	12,367
18	13,102	13,395	383	388	1,547	1,470	125	143	624	653	15,781	16,049
19	13,208	13,474	448	459	1,678	1,627	137	140	606	626	16,077	16,326
20	12,577	12,921	475	464	1,533	1,475	151	137	544	530	15,280	15,527
21 - 24	42,952	44,407	1,419	1,392	4,294	4,254	407	368	1,695	1,803	50,767	52,224
25 - 34	74,777	79,959	2,623	2,589	5,294	5,350	488	505	2,577	2,850	85,759	91,253
35 - 44	47,556	49,191	1,858	1,893	2,898	2,629	277	270	1,529	1,593	54,118	55,576
45 - 54	37,382	39,140	1,417	1,530	1,906	1,914	236	253	1,160	1,277	42,101	44,114
55 - 64	21,885	23,431	673	668	840	854	188	188	612	733	24,198	25,874
65 & Over	11,369	12,370	176	197	298	283	212	267	357	398	12,412	13,515
Not Known	381	396	50	47	69	64	12	5	115	122	627	634
Total	292,555	306,392	9,782	9,900	21,495	21,020	2,402	2,416	10,613	11,420	336,847	351,148

APPARENT DRIVER ACTION IN ALL MOTOR VEHICLE ACCIDENTS 1974-1975

Action	1974	% Of Total	1975	% Of Total
Driving Properly	152,461	45.3	158,518	45.1
Following Too Close	19,710	5.9	18,854	5.4
Speed Too Fast	29,737	8.8	31,254	8.9
Improper Turn	12,430	3.7	13,136	3.7
Disobey Traffic Signal	5,740	1.7	5,753	1.7
Disobey Stop Sign	4,689	1.4	4,590	1.3
Fail To Yield Right Of Way	34,693	10.3	36,484	10.4
Improper Passing	5,000	1.5	5,267	1.5
Lost Control	25,253	7.5	26,451	7.5
Wrong Way On One-Way Road	367	0.1	387	0.1
Not Known	16,998	5.0	18,204	5.2
Other*	29,769	8.8	32,250	9.2
Total	336,847	100.0	351,148	100.0

* Includes actions defined as Careless Driving, Inattentive Driving, Fell Asleep, Hit and Run, On Wrong Side of Road, Improper Parking, Impaired, Illegally Parked, Dangerous Driving, Inexperience, etc.

DRIVER SEAT BELT USE

1974 - 1975



DRIVER SEAT BELT USE*

Seat Belt Usage	Driver Killed			Driver Injured			Driver Not Injured			All Drivers		
	1974	1975	%	1974	1975	%	1974	1975	%	1974	1975	%
Installed - Not In Use	476	463	59.8	31,835	31,862	69.5	190,540	202,209	67.2	222,851	234,534	67.5
Installed - In Use	46	42	5.4	6,757	7,175	15.7	47,249	54,888	18.2	54,052	62,105	17.9
Installed - Use Unknown	58	63	8.1	871	784	1.7	5,792	6,135	2.1	6,721	6,982	2.0
Not Installed	60	47	6.2	3,335	2,253	4.9	20,324	15,708	5.2	23,719	18,008	5.2
Not Known	138	159	20.5	3,106	3,773	8.2	21,794	21,873	7.3	25,038	25,805	7.4
Total	778	774	100.0	45,904	45,847	100.0	285,699	300,813	100.0	332,381	347,434	100.0

* Excludes motorcycle drivers.

There were 0.5% fewer driver fatalities this year. 463 of the drivers killed had seat belts in their vehicles but were not using them. This represents 59.8% of the driver fatalities as compared to 61.2% in 1974. The number of drivers injured who had seat belts but were not using them increased this year to a high of 69.5%.

This year, there was an increase of 16.2% over the previous year in the number of drivers not injured who were using their seat belts at the time of the motor vehicle accidents.

ACTIONS OF PEDESTRIANS KILLED AND INJURED 1974 – 1975

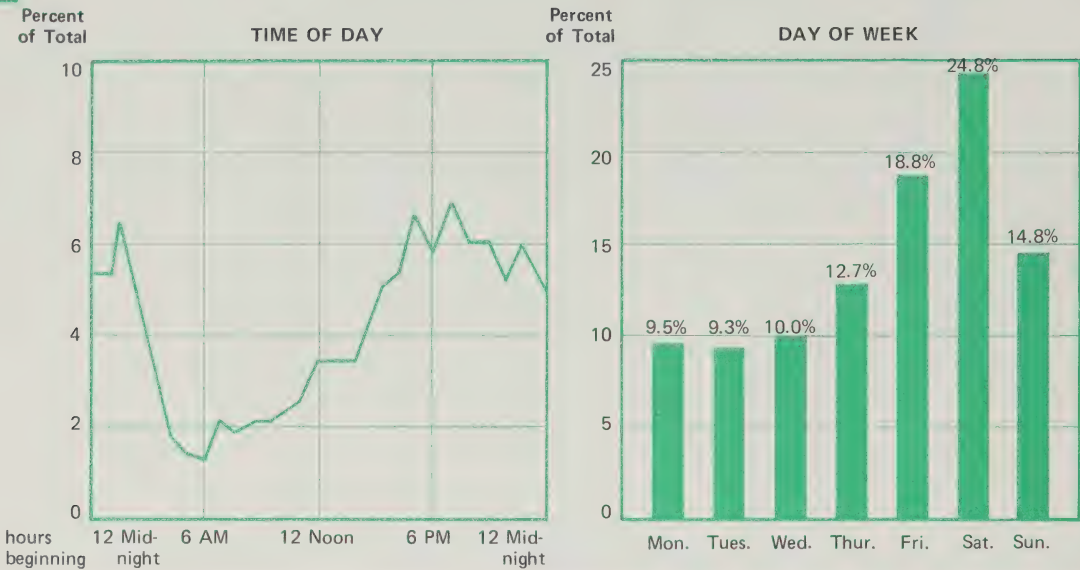
Action	1974		1975	
	Killed	Injured	Killed	Injured
Crossing Intersection With Right of Way	8	1,037	9	1,016
Crossing Intersection Without Right of Way	13	470	5	442
Crossing Intersection No Traffic Control	11	188	12	188
Crossing Pedestrian Crossover	2	319	3	278
Walking on Roadway With Traffic	31	243	25	208
Walking on Roadway Against Traffic	15	120	12	115
On Sidewalk or Shoulder	22	437	22	450
Coming from Behind Parked Vehicle or Object	14	782	15	659
Playing or Working On Highway	4	166	6	148
Running into Roadway	63	1,833	58	1,907
Crossing Through Traffic	62	868	65	865
Other	60	981	62	1,023
Total	305	7,444	294	7,299

CONDITION OF PEDESTRIANS KILLED AND INJURED 1974 – 1975

Condition	1974		1975	
	Killed	Injured	Killed	Injured
Normal	163	5,756	134	5,591
Had Been Drinking	31	396	24	397
Ability Impaired by Alcohol	37	133	41	114
Ability Impaired by Drugs	—	4	—	4
Fatigue	—	2	—	4
Medical or Physical Defect	2	75	9	80
Not Known	71	976	84	988
Other	1	102	2	121
Total	305	7,444	294	7,299

PERSONS KILLED BY TIME OF DAY AND WEEK

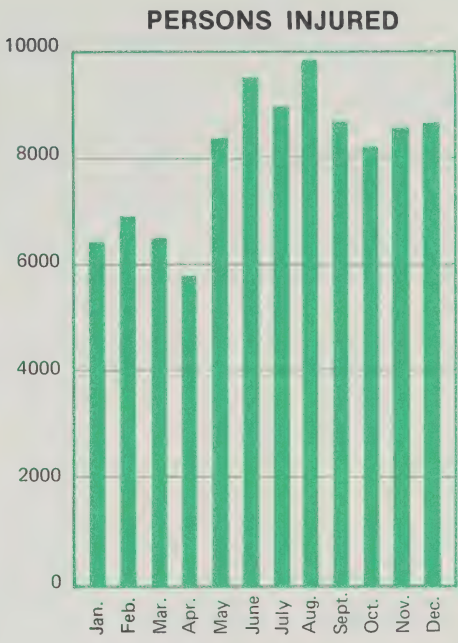
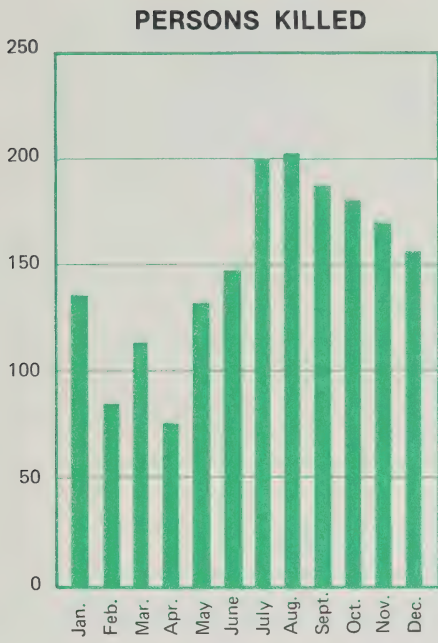
1975



PERSONS KILLED BY TIME OF DAY AND DAY OF WEEK

Time	Total	%	Mon.	Tue.	Wed.	Thur.	Fri.	Sat.	Sun.
12 – 01 AM	96	5.3	2	8	6	14	12	34	20
01 – 02 "	119	6.6	3	9	6	14	10	42	35
02 – 03 "	74	4.1	3	4	5	5	5	34	18
03 – 04 "	34	1.9	—	—	3	3	5	14	9
04 – 05 "	25	1.4	—	3	1	—	2	6	13
05 – 06 "	22	1.2	2	—	—	2	1	13	4
06 – 07 "	38	2.1	8	2	—	10	9	4	5
07 – 08 "	34	1.9	2	1	6	4	8	9	4
08 – 09 "	37	2.1	5	7	5	8	4	4	4
09 – 10 "	37	2.1	3	7	6	3	8	7	3
10 – 11 "	47	2.6	7	8	6	5	8	12	1
11 – 12 "	58	3.2	9	7	8	8	8	12	6
12 – 01 PM	58	3.2	7	3	7	12	11	9	9
01 – 02 "	59	3.3	11	4	6	4	9	14	11
02 – 03 "	90	5.0	13	6	16	11	21	11	12
03 – 04 "	98	5.5	17	15	10	16	12	11	17
04 – 05 "	119	6.6	14	16	13	14	34	16	12
05 – 06 "	102	5.7	13	11	12	19	16	16	15
06 – 07 "	123	6.8	11	8	16	17	26	38	7
07 – 08 "	110	6.1	14	10	9	12	32	21	12
08 – 09 "	112	6.2	11	9	8	20	21	27	16
09 – 10 "	99	5.5	6	14	4	3	31	29	12
10 – 11 "	106	5.9	5	8	13	11	22	31	16
11 – 12 "	95	5.3	5	8	13	12	22	30	5
Unknown	8	0.4	—	1	1	2	2	2	—
Total	1,800	100.0	171	169	180	229	339	446	266

PERSONS KILLED AND INJURED BY MONTH OF OCCURRENCE
1975



PERSONS KILLED AND INJURED BY MONTH OF OCCURRENCE		
Month	Killed	Injured
January	139	6,489
February	85	6,923
March	114	6,546
April	77	5,922
May	136	8,480
June	148	9,628
July	200	9,006
August	203	9,898
September	189	8,562
October	181	8,231
November	169	8,651
December	159	8,698
Total	1,800	97,034

TYPE OF VEHICLE INVOLVED IN ALL ACCIDENTS – 1975

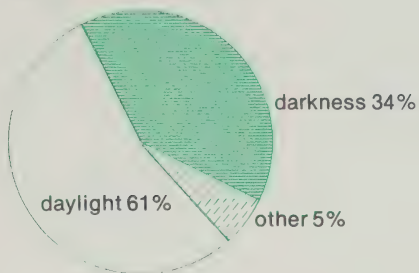
Type of Vehicle	In All Accidents	In Fatal	In Personal Injury	In Property Damage
Passenger Car	320,291	1,711	92,320	226,260
Passenger Car & Trailer	1,410	15	340	1,055
Truck	40,792	331	10,945	29,516
Truck & Trailer	2,425	16	522	1,887
Tractor & Semi-Trailer	4,277	107	1,166	3,004
Motorcycle	4,772	117	4,072	583
Bus	3,046	9	942	2,095
School Bus	727	2	213	512
Other – Or Not Known	6,568	112	4,962	1,494
Non Motor Vehicle	4,848	8	263	4,577
Total	389,156	2,428	115,745	270,983

TYPE AND CONDITION OF VEHICLES INVOLVED – ALL ACCIDENTS – 1975

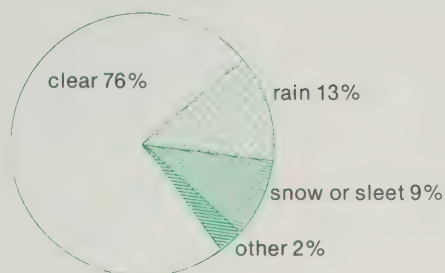
Condition	Passenger Car	Passenger Car & Trailer	Truck	Truck & Trailer	Tractor Trailer	Motorcycle	Bus	School Bus	Other Motor Vehicle	Non Motor Vehicle	Total
No Apparent Defect	300,003	1,214	37,286	2,078	3,719	4,327	2,907	703	5,346	254	357,837
Service Brakes Defective	1,334	1	426	24	77	32	18	4	107	3	2,026
Steering Defective	319	1	76	—	13	15	—	—	5	4	433
Tire Puncture or Blow Out	1,022	25	183	22	49	24	6	—	1	—	1,332
Tire Tread Insufficient	1,064	4	132	7	6	14	3	—	3	1	1,234
Headlamps Defective	97	—	16	3	—	14	—	—	39	—	169
Other Lamps or Reflectors Defective	366	18	160	14	25	7	2	—	63	1	656
Engine Controls Defective	435	3	63	6	7	13	1	1	7	1	537
Wheels or Suspension Defective	192	17	79	22	38	22	3	1	1	—	375
Vision Obscured	221	1	50	—	3	2	1	1	3	2	284
Other Defects	1,803	83	465	138	151	64	8	6	137	377	3,232
Not Known	13,435	43	1,856	111	189	238	97	11	856	4,205	21,041
Total	320,291	1,410	40,792	2,425	4,277	4,772	3,046	727	6,568	4,848	389,156

ALL ACCIDENTS — 1975 — LIGHT CONDITION, VISIBILITY AND ROAD LOCATION

LIGHT CONDITION



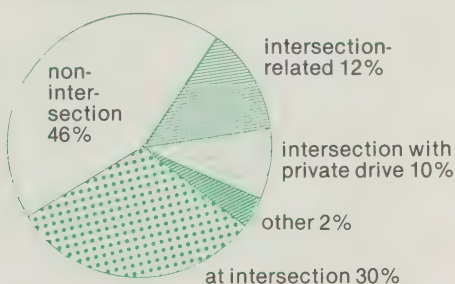
VISIBILITY



Light Condition	Total	Fatal	Personal Injury	Property Damage
Daylight	129,842	690	39,470	89,682
Dawn	2,298	25	663	1,610
Dusk	7,757	42	2,343	5,372
Darkness	72,974	756	23,172	49,046
Not Known	818	7	163	648
Total	213,689	1,520	65,811	146,358

Visibility	Total	Fatal	Personal Injury	Property Damage
Clear	161,662	1,263	51,707	108,692
Rain	27,057	135	8,106	18,816
Snow or Sleet	21,160	85	4,760	16,315
Fog, Mist, Smoke or Dust	3,359	35	1,134	2,190
Not Known	451	2	104	345
Total	213,689	1,520	65,811	146,358

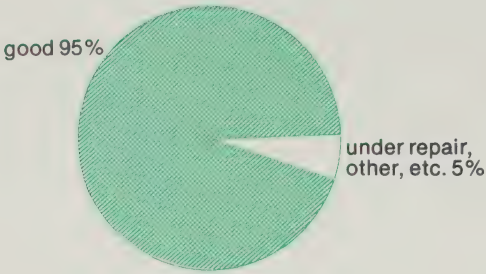
ROAD LOCATION



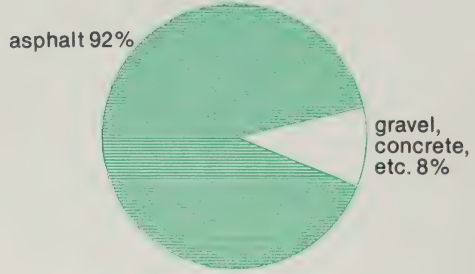
Road Location	Total	Fatal	Personal Injury	Property Damage
Non-Intersection	97,318	1,014	30,473	65,831
Intersection-Related	26,401	72	7,407	18,922
At Intersection	63,539	268	20,995	42,276
Intersection with Private Drive	21,913	102	5,479	16,332
At Railroad Crossing	878	26	309	543
Underpass or Tunnel	364	10	127	227
Overpass or Bridge	2,103	25	684	1,394
Other	1,173	3	337	833
Total	213,689	1,520	65,811	146,358

ALL ACCIDENTS — 1975 — ROAD TYPE, ROAD CONDITION AND ROAD SURFACE CONDITION

ROAD CONDITION



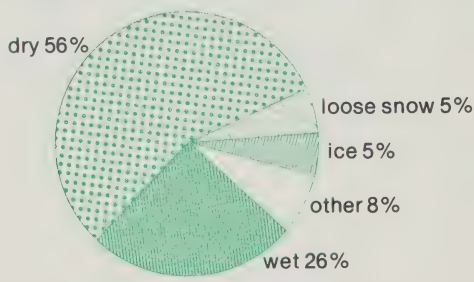
ROAD TYPE



Road Condition	Total	Fatal	Personal Injury	Property Damage
Good	203,941	1,478	63,038	139,425
Under Repair	1,038	8	331	699
Under Const.	2,219	12	654	1,553
Defective	1,546	8	470	1,068
Other	4,945	14	1,318	3,613
Total	213,689	1,520	65,811	146,358

Road Type	Total	Fatal	Personal Injury	Property Damage
Asphalt	196,897	1,360	60,654	134,883
Gravel or Crushed Stone	9,789	102	3,057	6,630
Concrete	5,696	46	1,713	3,937
Earth	620	5	186	429
Other	687	7	201	479
Total	213,689	1,520	65,811	146,358

ROAD SURFACE CONDITION



Road Surface Condition	Total	Fatal	Personal Injury	Property Damage
Dry	120,172	1,074	40,808	78,290
Wet	55,815	290	16,616	38,909
Loose Snow	10,461	29	2,165	8,267
Slush	6,847	21	1,521	5,305
Packed Snow	7,693	47	1,579	6,067
Ice	10,819	45	2,463	8,311
Mud	110	1	34	75
Loose Sand or Gravel	1,772	13	625	1,134
Total	213,689	1,520	65,811	146,358

STATISTICS RELATING TO MOTOR VEHICLE ACCIDENTS IN ONTARIO CITIES, TOWNS AND VILLAGES — 1975

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Ailsa Craig	9	—	3	6	—	5
Ajax	334	3	114	217	3	160
Alexandria	95	1	19	75	1	25
Alfred	14	—	3	11	—	8
Alliston	77	1	26	50	1	37
Almonte	59	—	11	48	—	16
Alvinston	13	—	4	9	—	4
Amherstburg	86	1	24	61	1	29
Ancaster	267	3	89	175	6	133
Arkona	5	—	2	3	—	2
Arnprior	150	—	34	116	—	44
Arthur	26	—	10	16	—	13
Athens	2	—	—	2	—	—
Aurora	280	—	71	209	—	101
Aylmer	72	2	18	52	2	27
Ayr	10	—	3	7	—	4
Bancroft	47	1	13	33	1	19
Barrie	829	4	214	611	4	290
Barry's Bay	22	1	3	18	1	7
Bath	12	—	2	10	—	4
Bayfield	9	1	2	6	1	6
Beachburg	7	—	—	7	—	—
Beeton	13	—	5	8	—	6
Belle River	57	1	16	40	1	19
Belleville	789	1	211	577	1	294
Belmont	3	—	1	2	—	1
Blenheim	75	—	20	55	—	24
Blind River	70	1	20	49	1	32
Bloomfield	11	—	1	10	—	3
Blyth	16	—	3	13	—	3
Bobcaygeon	18	—	5	13	—	6
Bonfield	10	—	1	9	—	1
Bothwell	10	—	1	9	—	1
Bracebridge	87	—	17	70	—	21
Bradford	95	—	13	82	—	18
Braeside	3	—	3	—	—	3
Brampton	1,948	15	552	1,381	16	832
Brantford	1,480	6	303	1,171	6	433
Bridgeport	1	—	—	1	—	—
Brighton	49	—	14	35	—	23
Brockville	493	1	124	368	1	157
Bruce Mines	15	2	4	9	2	6
Brussels	15	—	3	12	—	6
Burk's Falls	24	—	4	20	—	5
Burlington	1,980	6	613	1,361	6	927
Cache Bay	5	—	3	2	—	6
Caledon	430	4	140	286	5	244
Cambridge	1,765	10	469	1,286	10	672

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Campbellford	75	—	17	58	—	22
Capreol	38	—	11	27	—	16
Cardinal	31	1	9	21	1	12
Carleton Place	88	—	21	67	—	27
Casselman	18	—	4	14	—	7
Chalk River	12	—	5	7	—	5
Chatham	1,009	5	295	709	7	388
Chatsworth	10	—	—	10	—	—
Chesterville	20	—	4	16	—	8
Chesley	16	—	7	9	—	7
Clifford	12	—	1	11	—	1
Clinton	48	—	10	38	—	10
Cobalt	31	1	6	24	1	10
Cobden	6	—	—	6	—	—
Cobourg	282	1	81	200	1	108
Cochrane	106	—	33	73	—	40
Colborne	28	—	9	19	—	11
Coldwater	4	—	—	4	—	—
Collingwood	251	2	59	190	2	82
Coniston	6	—	1	5	—	2
Cookstown	15	—	3	12	—	5
Copper Cliff	9	—	—	9	—	—
Cornwall	1,170	3	253	914	3	349
Creemore	11	—	1	10	—	1
Deep River	28	—	10	18	—	12
Delhi	358	13	113	232	16	197
Deseronto	27	—	5	22	—	6
Drayton	9	—	2	7	—	3
Dresden	21	—	4	17	—	7
Dryden	104	—	17	87	—	22
Dundalk	19	—	5	14	—	6
Dundas	361	1	143	217	1	215
Dunnville	274	2	70	202	2	104
Durham	16	1	7	8	4	11
Dutton	7	—	—	7	—	—
Eganville	29	1	8	20	1	13
Elmira	12	—	3	9	—	3
Elmvale	19	—	3	16	—	4
Elora	57	—	15	42	—	18
Englehart	23	—	2	21	—	2
Erieau	5	1	3	1	1	5
Erin	22	—	6	16	—	9
Espanola	74	—	25	49	—	33
Essex	64	1	19	44	1	23
Exeter	73	1	20	52	1	32
Fenelon Falls	42	3	4	35	3	7
Fergus	101	—	34	67	—	41
Finch	3	—	—	3	—	—

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Flesherton	11	—	2	9	—	3
Forest	42	—	8	34	—	14
Fort Erie	565	3	176	386	3	265
Fort Frances	211	2	64	145	2	92
Frankford	17	—	4	13	—	4
Gananoque	96	—	25	71	—	33
Geraldton	56	—	7	49	—	8
Glencoe	43	—	10	33	—	14
Goderich	103	1	26	76	3	36
Gore Bay	13	—	2	11	—	4
Grand Bend	30	—	12	18	—	16
Grand Valley	7	—	3	4	—	3
Gravenhurst	84	—	25	59	—	33
Grimsby	266	4	81	181	4	126
Guelph	1,158	3	214	941	3	299
Hagersville	269	6	70	193	8	100
Haileybury	80	1	18	61	1	33
Halton Hills	631	5	217	409	5	329
Hamilton	8,487	23	2,889	5,575	25	3,990
Hanover	120	—	20	100	—	26
Harrow	31	—	12	19	—	19
Hastings	3	—	1	2	—	2
Havelock	9	—	2	7	—	3
Hawkesbury	310	1	53	256	1	72
Hearst	83	1	18	64	2	26
Hensall	9	—	1	8	—	1
Hepworth	5	—	2	3	—	3
Huntsville	93	—	20	73	—	28
Ingersoll	187	—	40	147	—	58
Iron Bridge	5	—	2	3	—	4
Iroquois	6	—	3	3	—	3
Iroquois Falls	108	2	30	76	2	37
Kapuskasing	174	3	64	107	3	95
Kearney	3	—	—	3	—	—
Keewatin	39	—	4	35	—	6
Kemptville	21	—	5	16	—	6
Kenora	260	2	70	188	2	92
Killaloe Station	4	—	—	4	—	—
Kincardine	73	—	12	61	—	22
Kingston	1,236	3	315	918	3	433
Kingsville	50	—	11	39	—	16
Kitchener	3,614	10	897	2,707	10	1,252
Lakefield	53	—	13	40	—	19
Lanark	12	—	5	7	—	9
Lancaster	7	—	3	4	—	4
Latchford	9	—	3	6	—	4
Leamington	262	1	44	217	1	65
Levack	4	—	—	4	—	—

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Lincoln	249	1	72	176	1	101
Lindsay	265	—	82	183	—	102
Lion's Head	3	—	1	2	—	1
Listowel	115	—	27	88	—	37
Little Current	21	—	5	16	—	5
Lively	8	—	4	4	—	6
London	6,379	24	2,020	4,335	24	2,809
L'Orignal	16	—	5	11	—	7
Lucan	20	1	4	15	1	4
Lucknow	18	—	3	15	—	3
Madoc	30	—	10	20	—	12
Magnetawan	3	—	1	2	—	2
Markdale	19	—	7	12	—	7
Markham	1,003	4	286	713	4	389
Marmora	49	2	19	28	2	26
Massey	29	—	4	25	—	5
Mattawa	50	—	14	36	—	15
Maxville	17	—	—	17	—	—
Meaford	55	1	14	40	1	17
Merrickville	15	—	4	11	—	4
Midland	248	—	74	174	—	106
Mildmay	23	1	6	16	1	8
Millbrook	9	—	4	5	—	4
Milton	448	8	143	297	8	210
Milverton	13	—	2	11	—	2
Mississauga	5,138	28	1,478	3,632	37	2,126
Mitchell	49	—	8	41	—	12
Morrisburg	33	—	6	27	—	9
Mount Forest	76	—	14	62	—	21
Napanee	126	—	36	90	—	44
Neustadt	1	—	—	1	—	—
Newboro	3	—	—	3	—	—
Newburgh	1	—	—	1	—	—
Newburg	2	—	—	2	—	—
Newcastle	506	13	164	329	15	263
New Hamburg	16	—	4	12	—	7
New Liskeard	124	—	27	97	—	37
Newmarket	416	2	122	292	2	172
Niagara Falls	1,891	6	576	1,309	6	812
Niagara-on-the-lake	286	5	99	182	7	156
North Bay	1,182	3	382	797	6	554
Norwich	110	1	31	78	1	57
Norwood	20	—	3	17	—	4
Oakville	1,390	13	459	918	14	693
Oil Springs	2	—	—	2	—	—
Omeme	6	—	1	5	—	4
Orangeville	185	2	41	142	2	57
Orillia	440	1	144	295	1	201

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Oshawa	2,311	9	631	1,671	9	880
Ottawa	10,939	24	2,468	8,447	26	3,183
Owen Sound	467	1	84	382	1	112
Paisley	11	—	2	9	—	5
Palmerston	23	—	5	18	—	6
Paris	113	1	25	87	1	32
Parkhill	14	—	4	10	—	8
Parry Sound	86	3	21	62	3	27
Pelham	173	4	62	107	4	94
Pembroke	244	—	55	189	—	70
Penetanguishene	86	1	25	60	1	37
Perth	162	—	41	121	—	62
Petawawa	45	—	13	32	—	15
Peterborough	1,577	4	443	1,130	4	675
Petrolia	59	—	9	50	—	13
Pickering	531	5	175	351	5	285
Pictou	94	1	19	74	1	27
Plantagenet	19	—	6	13	—	7
Point Edward	101	1	27	73	1	31
Port Burwell	5	—	—	5	—	—
Port Colborne	517	1	130	386	1	171
Port Dover	327	11	92	224	12	132
Port Elgin	86	—	15	71	—	19
Port Hope	100	4	28	68	4	45
Port McNicoll	22	—	6	16	—	8
Port Stanley	29	1	11	17	1	14
Powassan	6	—	1	5	—	2
Prescott	84	—	24	60	—	28
Rainy River	16	—	5	11	—	5
Renfrew	210	3	51	156	3	68
Richmond Hill	670	4	204	462	5	311
Ridgetown	55	—	17	38	—	24
Ripley	4	—	2	2	—	3
Rockcliffe Park	41	1	6	34	1	7
Rockland	60	—	21	39	—	29
Rodney	9	—	3	6	—	3
Rosseau	2	—	—	2	—	—
St. Catharines	2,786	12	766	2,008	12	1,029
St. Clair Beach	21	—	8	13	—	10
St. Isidore De Prescott	10	—	1	9	—	1
St. Marys	90	—	20	70	—	25
St. Thomas	524	2	163	359	2	231
Sarnia	1,476	6	371	1,099	8	513
Sault Ste. Marie	1,820	6	567	1,247	6	799
Seaforth	34	—	6	28	—	6
Shelburne	23	—	6	17	—	8
Simcoe	352	4	78	270	4	112
Sioux Lookout	54	—	16	38	—	16

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Smiths Falls	296	1	57	238	1	81
Smooth Rock Falls	24	—	5	19	—	6
Southampton	54	1	10	43	1	14
South River	14	—	5	9	—	7
Springfield	6	—	3	3	—	3
Stayner	37	—	17	20	—	22
Stirling	19	—	3	16	—	5
Stoney Creek	629	5	228	396	8	344
Stratford	510	2	150	358	2	229
Strathroy	147	—	35	112	—	47
Sturgeon Falls	101	—	28	73	—	40
Sudbury	2,596	10	841	1,745	11	1,198
Sundridge	26	3	3	20	3	3
Tara	5	—	1	4	—	2
Tavistock	19	—	4	15	—	7
Tecumseh	79	1	23	55	1	32
Teeswater	5	—	1	4	—	1
Thamesville	22	—	6	16	—	6
Thedford	13	—	6	7	—	9
Thessalon	20	—	5	15	—	5
Thornbury	20	—	3	17	—	4
Thorold	313	1	91	221	1	142
Thunder Bay	2,876	9	911	1,956	10	1,256
Tilbury	67	—	19	48	—	25
Tillsonburg	296	3	46	247	3	63
Timmins	947	2	263	682	2	356
Tiverton	18	—	7	11	—	8
Toronto	47,348	103	15,224	32,021	117	20,726
Tottenham	15	—	6	9	—	9
Trenton	341	1	105	235	1	149
Trout Creek	7	—	4	3	—	5
Tweed	23	—	4	19	—	7
Vanier	560	—	113	447	—	144
Vankleek Hill	14	1	1	12	1	5
Vaughan	870	11	265	594	11	387
Victoria Harbour	20	—	8	12	—	12
Vienna	8	—	2	6	—	4
Walkerton	73	—	21	52	—	27
Wallaceburg	319	—	72	247	—	96
Wardsville	6	—	3	3	—	3
Wasaga Beach	149	1	50	98	1	62
Waterloo	1,297	2	328	967	2	463
Watford	20	—	3	17	—	4
Webbwood	7	—	2	5	—	4
Welland	1,172	5	338	829	5	477
Wellesley	19	—	5	14	—	5
Wellington	8	1	4	3	1	7
West Lorne	16	1	3	12	1	5

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Westport	13	1	—	12	1	—
Wheatley	23	—	7	16	—	7
Whitby	643	3	204	436	3	311
Whitchurch-Stouffville	392	4	117	271	4	193
Warton	28	—	2	26	—	5
Winchester	18	—	5	13	—	9
Windsor	4,435	16	1,592	2,827	18	2,265
Wingham	70	—	12	58	—	17
Woodstock	541	3	208	330	5	286
Woodville	1	—	—	1	—	—
Wyoming	12	—	2	10	—	2
Zurich	6	—	—	6	—	—
Total	151,204	590	44,704	105,910	657	62,211

STATISTICS RELATING TO MOTOR VEHICLE ACCIDENTS BY COUNTIES, DISTRICTS AND REGIONAL MUNICIPALITIES — 1975

County, District or Regional Municipality	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Algoma	3,437	35	1,140	2,262	49	1,805
Brant	2,850	21	703	2,126	22	1,112
Bruce	1,446	25	441	980	34	697
Cochrane	2,189	28	664	1,497	33	977
Dufferin	751	14	246	491	19	410
Dundas	423	6	116	301	6	196
Durham	6,349	64	2,049	4,236	68	3,202
Elgin	1,493	27	494	972	32	771
Essex	7,083	59	2,527	4,497	62	3,733
Frontenac	2,777	14	750	2,013	15	1,126
Glengarry	560	8	181	371	11	277
Grenville	625	10	210	405	11	332
Grey	1,778	19	457	1,302	24	744
Haldimand-Norfolk	2,314	44	697	1,573	55	1,082
Haliburton	442	3	159	280	5	266
Halton	5,565	48	1,793	3,724	51	2,778
Hamilton-Wentworth	11,264	52	3,929	7,283	61	5,653
Hastings	2,644	37	830	1,777	50	1,352
Huron	1,348	25	407	916	32	664
Kenora	1,495	20	447	1,028	25	667
Kent	2,981	28	999	1,954	33	1,555
Lambton	3,299	32	995	2,272	40	1,495
Lanark	1,239	4	360	875	5	580
Leeds	1,467	14	455	998	14	656
Lennox & Addington	809	12	273	524	12	413
Manitoulin	283	3	95	185	3	148
Middlesex	8,554	58	2,865	5,631	69	4,251
Muskoka	1,348	17	443	888	18	724
Niagara	9,375	63	2,750	6,562	71	3,987
Nipissing	2,107	21	691	1,395	40	1,064
Northumberland	1,724	22	555	1,147	22	841
Ottawa-Carleton	15,301	55	3,594	11,652	62	4,776
Oxford	2,135	26	618	1,491	34	953
Parry Sound	1,173	35	389	749	44	719
Peel	9,114	60	2,673	6,381	73	4,070
Perth	1,464	15	442	1,007	23	709
Peterborough	2,901	24	904	1,973	25	1,436
Prescott	822	8	211	603	8	328
Prince Edward	450	12	168	270	18	276
Rainy River	625	6	184	435	6	269
Renfrew	1,866	31	582	1,253	34	918
Russell	398	—	125	273	—	189
Simcoe	5,823	72	1,852	3,899	89	2,956
Stormont	1,588	13	389	1,186	14	588
Sudbury District	4,714	43	1,608	3,063	52	2,425
Thunder Bay	4,413	31	1,413	2,969	38	2,078
Timiskaming	1,077	10	299	768	12	438
Victoria	1,267	13	443	811	15	726
Waterloo	8,142	42	2,131	5,969	45	3,016
Wellington	2,820	23	748	2,049	26	1,179
York	57,577	168	18,317	39,092	190	25,427
Total	213,689	1,520	65,811	146,358	1,800	97,034

SUMMARY OF MOTOR VEHICLE ACCIDENTS

NUMBER OF ACCIDENTS

ONTARIO 1975

	TOTAL	FATAL	PERSONAL INJURY	PROPERTY DAMAGE ONLY
Accident Involves*				
Single Motor Vehicle or Motor Vehicle And	48,283	480	17,274	30,529
Other Motor Vehicle/s	150,252	651	36,914	112,687
Pedestrian	6,860	273	6,570	17
Cyclist Incl. Moped Driver	4,328	64	4,218	46
Railroad Train	328	22	125	181
Street Car	536	2	131	403
Farm Tractor	306	6	101	199
Animal	2,159	7	265	1,887
Other	637	15	213	409
Total	213,689	1,520	65,811	146,358

Month of Occurrence				
January	17,451	115	4,406	12,930
February	18,459	75	4,848	13,536
March	16,864	102	4,443	12,319
April	14,487	68	4,192	10,227
May	15,691	116	5,821	9,754
June	17,102	127	6,512	10,463
July	16,089	164	5,983	9,942
August	17,815	176	6,426	11,213
September	17,881	150	5,864	11,867
October	17,382	166	5,550	11,666
November	20,131	140	5,804	14,187
December	24,337	121	5,962	18,254
Total	213,689	1,520	65,811	146,358

Day of Occurrence				
Sunday	24,436	217	8,256	15,963
Monday	24,425	139	7,556	16,730
Tuesday	27,603	152	8,258	19,193
Wednesday	28,681	165	8,537	19,979
Thursday	30,865	197	9,262	21,406
Friday	40,131	288	11,937	27,906
Saturday	37,548	362	12,005	25,181
Total	213,689	1,520	65,811	146,358

Hour of Occurrence				
12 to 1 A.M.	6,214	76	2,159	3,979
1 to 2 "	8,320	105	2,994	5,221
2 to 3 "	4,761	61	1,593	3,107
3 to 4 "	2,461	29	845	1,587
4 to 5 "	1,487	22	509	956
5 to 6 "	1,178	17	414	747
6 to 7 "	2,941	31	938	1,972
7 to 8 "	7,334	28	1,951	5,355
8 to 9 "	10,143	35	2,794	7,314
9 to 10 "	6,787	33	1,723	5,031
10 to 11 "	7,566	37	2,039	5,490
11 to 12 "	9,385	48	2,677	6,660
12 to 1 P.M.	10,605	48	3,106	7,451
1 to 2 "	11,146	50	3,313	7,783
2 to 3 "	12,042	77	3,524	8,441
3 to 4 "	15,362	81	4,829	10,452
4 to 5 "	19,698	97	5,887	13,714
5 to 6 "	16,145	83	5,057	11,005
6 to 7 "	11,774	108	3,969	7,697
7 to 8 "	11,759	101	3,886	7,772
8 to 9 "	10,038	95	3,318	6,625
9 to 10 "	8,492	83	2,781	5,628
10 to 11 "	7,792	91	2,566	5,135
11 to 12 "	7,831	76	2,629	5,126
Not Known	2,428	8	310	2,110
Total	213,689	1,520	65,811	146,358

	TOTAL	FATAL	PERSONAL INJURY	PROPERTY DAMAGE ONLY
Light Conditions				
Daylight	129,842	690	39,470	89,682
Dawn	2,298	25	663	1,610
Dusk	7,757	42	2,343	5,372
Darkness	72,974	756	23,172	49,046
Not Known	818	7	163	648
Total	213,689	1,520	65,811	146,358

Road Surface Condition				
Dry	120,172	1,074	40,808	78,290
Wet	55,815	290	16,616	38,909
Loose Snow	10,461	29	2,165	8,267
Slush	6,847	21	1,521	5,305
Packed Snow	7,693	47	1,579	6,067
Ice	10,819	45	2,463	8,311
Mud	110	1	34	75
Loose Sand or Gravel	1,772	13	625	1,134
Total	213,689	1,520	65,811	146,358

Road Condition				
Good	203,941	1,478	63,038	139,425
Under Repair	1,038	8	331	699
Under Construction	2,219	12	654	1,553
Defective	1,546	8	470	1,068
Other	4,945	14	1,318	3,613
Total	213,689	1,520	65,811	146,358

Road Type				
Asphalt	196,897	1,360	60,654	134,883
Gravel or Crushed Stone	9,789	102	3,057	6,630
Concrete	5,696	46	1,713	3,937
Earth	620	5	186	429
Other	687	7	201	479
Total	213,689	1,520	65,811	146,358

Visibility				
Clear	161,662	1,263	51,707	108,692
Rain	27,057	135	8,106	18,816
Snow or Sleet	21,160	85	4,760	16,315
Fog, Mist, Smoke or Dust	3,359	35	1,134	2,190
Not Known	451	2	104	345
Total	213,689	1,520	65,811	146,358

Place of Occurrence				
Urban Area	112,358	487	32,923	78,948
Kings Highway	41,158	680	14,040	26,438
(Incl. Sec. Hwy.)				
Other	60,173	353	18,848	40,972
Total	213,689	1,520	65,811	146,358

Road Location				
Non-Intersection	97,318	1,014	30,473	65,831
Intersection-Related	26,401	72	7,407	18,922
At Intersection	63,539	268	20,995	42,276
Intersection with				
Private Drive	21,913	102	5,479	16,332
At Railroad Crossing	878	26	309	543
Underpass or Tunnel	364	10	127	227
Overpass or Bridge	2,103	25	684	1,394
Other	1,173	3	337	833
Total	213,689	1,520	65,811	146,358

*Based on Primary Impact

SUMMARY OF MOTOR VEHICLE ACCIDENTS NUMBER OF DRIVERS AND PEDESTRIANS

ONTARIO 1975

	IN ALL ACCIDENTS	IN FATAL	IN PERSONAL INJURY	IN PROPERTY DAMAGE ONLY
Sex of Driver				
Male	281,954	1,998	84,942	195,014
Female	69,194	283	21,939	46,972
Total	351,148	2,281	106,881	241,986

Age of Driver				
Under 16	753	10	293	450
16-19 Years	51,678	372	16,006	35,300
20-24 "	67,751	481	21,082	46,188
25-34 "	91,253	536	27,785	62,932
35-44 "	55,576	303	16,770	38,503
45-54 "	44,114	256	13,225	30,633
55-64 "	25,874	186	7,592	18,096
65 & Over	13,515	134	3,949	9,432
Not Known	634	3	179	452
Total	351,148	2,281	106,881	241,986

Licence of Driver				
Licensed	332,900	2,081	101,011	229,808
Unlicensed	6,194	97	2,356	3,741
Not Known	12,054	103	3,514	8,437
Total	351,148	2,281	106,881	241,986

Residence of Driver				
Alberta	440	3	147	290
British Columbia	515	3	159	353
Manitoba	561	6	192	363
New Brunswick	192	—	53	139
Newfoundland	103	—	32	71
Nova Scotia	229	4	67	158
Ontario	339,065	2,180	103,345	233,540
Prince Edward Island	37	—	10	27
Quebec	4,924	43	1,230	3,651
Saskatchewan	168	2	50	116
Yukon and Northwest Territories	30	—	11	19
United States	4,542	39	1,483	3,020
Other Foreign	336	1	99	236
Not Known	6	—	3	3
Total	351,148	2,281	106,881	241,986

Condition of Driver				
Normal	306,392	1,379	89,920	215,093
Had Been Drinking	21,020	304	9,052	11,664
Ability Impaired Alcohol	9,900	300	3,642	5,958
Ability Impaired Drugs	240	1	78	161
Fatigue	940	12	440	488
Medical or Physical Defect	643	8	270	365
Not Known	11,420	269	3,272	7,879
Other	593	8	207	378
Total	351,148	2,281	106,881	241,986

Apparent Driver Action				
Driving Properly	158,518	922	49,150	108,446
Following Too Close	18,854	6	5,550	13,298
Speed Too Fast	31,254	394	11,115	19,745
Improper Turn	13,136	36	2,851	10,249
Disobey Traffic Signal	5,753	27	2,225	3,501
Disobey Stop Sign	4,590	60	1,860	2,670
Fail to Yield Right-Of-Way	36,484	170	9,490	26,824
Improper Passing	5,267	65	1,235	3,967
Lost Control	26,451	171	8,537	17,743
Wrong Way On One-Way Road	387	4	123	260
Not Known	18,204	220	4,774	13,210
Other	32,250	206	9,971	22,073
Total	351,148	2,281	106,881	241,986

	KILLED	INJURED
Condition of Pedestrian		
Normal	134	5,591
Had Been Drinking	24	397
Ability Impaired Alcohol	41	114
Ability Impaired Drugs	—	4
Fatigue	—	4
Medical or Physical Defect	9	80
Not Known	84	988
Other	2	121
Total	294	7,299

Pedestrian Action		
Crossing Intersection With Right of Way	9	1,016
Crossing Intersection Without Right of Way	5	442
Crossing Intersection, No Traffic Control	12	188
Crossing Pedestrian Crossover	3	278
Walking on Roadway With Traffic	25	208
Walking on Roadway Against Traffic	12	115
On Sidewalk or Shoulder	22	450
Coming From Behind Parked Vehicle or Object	15	659
Playing or Working on Highway	6	148
Running into Roadway	58	1,907
Crossing Through Traffic	65	865
Other	62	1,023
Total	294	7,299

SUMMARY OF MOTOR VEHICLE ACCIDENTS

NUMBER OF VICTIMS

ONTARIO 1975

Type of Accident	Age of Persons Killed										Age of Persons Injured									
	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over
Single Motor Vehicle	534	5	11	145	125	92	50	46	35	25	24,288	308	1,020	6,834	5,790	4,704	2,225	1,739	950	605
Other Motor Veh's	853	15	25	163	128	134	88	98	94	106	2	60,214	1,428	3,349	9,294	10,978	12,921	7,880	6,609	4,239
Pedestrian	281	17	60	30	18	21	13	18	25	78	1	6,942	648	2,510	763	521	549	385	442	389
Cyclist including Moped Driver	65	—	30	24	1	3	4	2	—	1	—	4,387	25	2,114	1,266	436	244	87	76	46
Railroad Train	36	—	2	7	11	5	5	1	1	4	—	226	5	16	41	50	39	26	29	12
Street Car	2	—	—	—	—	1	—	—	—	1	—	168	6	3	7	18	59	24	30	6
Farm Tractor	6	—	—	1	—	2	1	—	—	2	—	175	6	11	31	23	26	20	27	18
Animal	7	—	—	2	4	1	—	—	—	—	—	352	8	14	39	86	50	43	34	19
Other	16	—	2	5	3	2	—	1	2	1	—	272	2	25	60	51	52	26	27	13
Total	1,800	37	130	377	290	261	160	167	157	218	3	97,034	2,436	9,062	18,385	17,953	18,644	10,716	9,013	5,692

Victim	Victims, By Class and Age Group — Killed										Victims, By Class and Age Group — Injured									
	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over
Driver	774	—	—	126	136	160	94	96	89	73	—	45,847	7	111	6,734	9,572	12,061	6,979	5,441	3,173
Passenger	540	20	32	145	92	55	45	48	40	61	2	35,668	1,742	4,194	7,939	5,967	5,170	3,136	2,994	2,046
Pedestrian	294	17	61	31	19	25	14	18	26	82	1	7,299	662	2,588	814	579	590	413	471	638
Cyclist including Moped Driver	65	—	30	23	1	4	3	3	—	1	—	4,216	19	2,059	1,218	413	229	83	65	41
Motorcycle Driver	97	—	4	40	36	13	4	—	—	—	—	3,181	—	44	1,281	505	81	28	8	4
Motorcycle Passenger	16	—	2	7	5	1	—	1	—	—	—	679	4	43	357	180	64	9	2	1
Other	14	—	1	5	1	3	—	1	2	1	—	154	2	23	42	26	25	15	12	6
Total	1,800	37	130	377	290	261	160	167	157	218	3	97,034	2,436	9,062	18,385	17,953	18,644	10,716	9,013	5,692

	Victims, By Age Group and Sex — Killed										Victims, By Age Group and Sex — Injured									
	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over
Male	1,276	19	79	296	225	207	112	114	102	121	1	58,167	1,324	5,261	11,970	11,752	11,417	6,151	4,812	2,998
Female	524	18	51	81	65	54	48	53	55	97	2	38,867	1,112	3,801	6,415	6,201	7,227	4,565	4,201	2,694
Total	1,800	37	130	377	290	261	160	167	157	218	3	97,034	2,436	9,062	18,385	17,953	18,644	10,716	9,013	5,692

	Victims By Class and Sex							Victims, By Month of Occurrence						
	Total	Driver	Passenger	Bicyclist incl. Moped	Motorcycle Driver	Motorcycle Passenger	Other	Month	Killed	Injured	Killed	Injured		
Killed Male	1,276	653	286	164	54	95	11	13						
Killed Female	524	121	254	130	11	2	5	1	Jan.	139	6,489	July	200	9,006
Total	1,800	774	540	294	65	97	16	14	Feb.	85	6,923	Aug.	203	9,898
Injured Male	58,167	33,210	14,074	4,109	3,191	3,109	347	127	Mar.	114	6,546	Sept.	189	8,562
Injured Female	38,867	12,637	21,584	3,190	1,025	72	332	27	Apr.	77	5,922	Oct.	181	8,231
Total	97,034	45,847	35,658	7,299	4,216	3,181	679	154	May	136	8,480	Nov.	169	8,651
									June	148	9,628	Dec.	159	8,698
												Total	1,800	97,034

SUMMARY OF MOTOR VEHICLE ACCIDENTS

NUMBER OF VEHICLES

ONTARIO 1975

Type of Vehicle	IN ALL ACCIDENTS	IN FATAL	PERSONAL INJURY	PROPERTY DAMAGE
Passenger Car	320,291	1,711	92,320	226,260
Passenger Car & Trailer	1,410	15	340	1,055
Truck	40,792	331	10,945	29,516
Truck & Trailer	2,425	16	522	1,887
Tractor & Semi-Trailer	4,277	107	1,166	3,004
Motorcycle	4,772	117	4,072	583
Bus	3,046	9	942	2,095
School bus	727	2	213	512
Other - Or Not Known	4,848	8	263	4,577
Non Motor Vehicle	6,568	112	4,962	1,494
Total	389,156	2,428	115,745	270,983

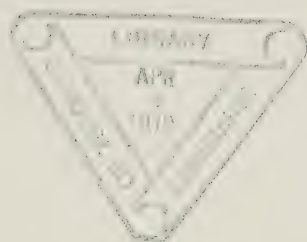
Condition of Vehicle	IN ALL ACCIDENTS	IN FATAL	PERSONAL INJURY	PROPERTY DAMAGE
No Apparent Defect	357,837	2,006	107,440	248,391
Service Brakes Defective	2,026	23	742	1,261
Steering Defective	433	3	185	245
Tire Puncture or Blow Out	1,332	13	512	807
Tire Tread Insufficient	1,234	38	467	729
Headlamps Defective	169	6	88	75
Other Lamps or Reflectors Defective	656	11	184	461
Engine Controls Defective	537	6	194	337
Wheels or Suspension Defective	375	1	121	253
Vision Obscured	284	2	77	205
Other Defects	3,232	31	787	2,414
Not Known	21,041	288	4,948	15,805
Total	389,156	2,428	115,745	270,983

Model Year of Vehicle	IN ALL ACCIDENTS	IN FATAL	PERSONAL INJURY	PROPERTY DAMAGE
1976	2,346	9	585	1,752
1975	34,610	272	10,775	23,563
1974	53,699	344	16,229	37,126
1973	50,527	328	15,106	35,093
1972	42,127	245	12,319	29,563
1971	33,233	194	9,381	23,658
1970	31,223	177	8,932	22,114
1969 & Earlier	124,601	765	36,767	87,069
Not Known	16,790	94	5,651	11,045
Total	389,156	2,428	115,745	270,983

Vehicle Manoeuvre	IN ALL ACCIDENTS	IN FATAL	PERSONAL INJURY	PROPERTY DAMAGE
Going Ahead	233,837	1,992	77,351	154,494
Overtaking	9,224	100	2,694	6,430
Turning Left	39,940	109	11,165	28,666
Turning Right	13,128	13	2,716	10,399
Making "U" Turn	1,088	6	305	777
Changing Lanes	9,189	39	1,660	7,490
Merging	1,451	1	291	1,159
Reversing	9,158	8	900	8,250
Stopped or Parked	57,196	84	15,612	41,500
Pulling Away From Shoulder or Curb	2,334	5	377	1,952
Pulling Onto Shoulder or Into Curb	1,116	1	293	822
Not Known or Other	11,495	70	2,381	9,044
Total	389,156	2,428	115,745	270,983

Insurance	IN ALL ACCIDENTS	IN FATAL	PERSONAL INJURY	PROPERTY DAMAGE
Insured	345,542	2,085	100,791	242,666
Not Insured	21,149	226	8,581	12,342
Not Known	22,465	117	6,373	15,975
Total	389,156	2,428	115,745	270,983

AMOUNT OF PROPERTY DAMAGE
\$224,981,517



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motor vehicle accident facts 1976



Ministry of
Transportation and
Communications

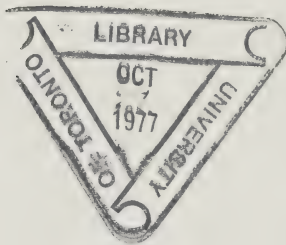
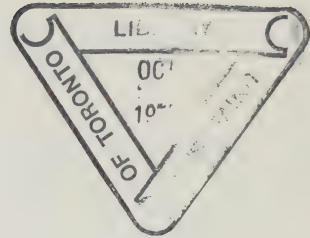
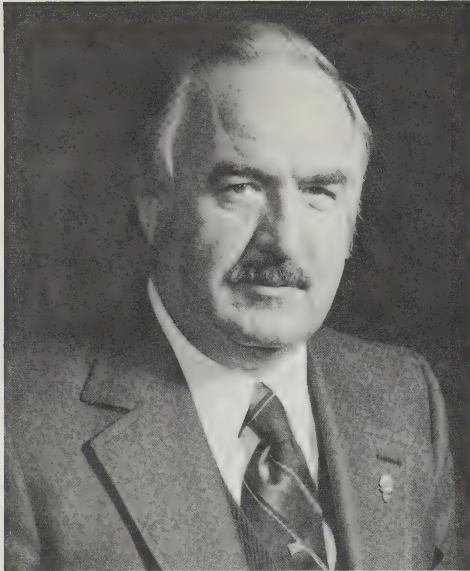
MOTOR VEHICLE ACCIDENT FACTS – 1976



Ontario

**Ministry of
Transportation and
Communications**

Collision and Licensing Records
Licensing and Control Branch
Drivers and Vehicles



I am very pleased to report that the motor vehicle accident statistics for 1976 show dramatic decreases.

Fatal accidents were down 16.8 per cent; there was a 16.1 per cent decrease in the number of people killed; persons injured were down 13.7 per cent; and it follows, personal injury accidents were down 11.8 per cent.

The death rate and fatal accident rate per 100 million miles travelled showed one of the most startling decreases over the past 22 years — even though the total reportable motor vehicle accidents were down only 0.8 per cent.

I think some of the credit must go to the new seat belt law because the major decreases involved passengers and drivers. For instance, through 1976 there were 16.3 per cent fewer driver fatalities and 13.6 per cent fewer driver injuries; and 14.6 per cent fewer passenger fatalities and 17.1 per cent fewer passenger injuries.

It is indeed encouraging to present these figures to the people of Ontario because it is you, the public, who have made this happen.

Through the Ministry's safety education programs, it is obvious that the public is becoming more aware of the need for safety for all the residents of Ontario.

I sincerely hope these heartening results will help us to continue to reduce the useless loss of lives through traffic mishaps.

James Snow,
Minister of
Transportation and Communications

MOTOR VEHICLE ACCIDENT FACTS – 1976

The statistical information on the following pages relates to motor vehicle accidents reported to the Ontario Ministry of Transportation and Communications during the calendar year 1976 which resulted in death or injury to persons, or in property damage in excess of \$200.

The report is divided into three major sections dealing with:

- A. A summary of the property damages, injuries and deaths arising from motor vehicle accidents in Ontario in 1976.
- B. A description of trends in motor vehicle accidents and in death and injury rates over the period 1967-1976.
- C. Selected characteristics of motor vehicle accidents.

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Selected Characteristics of Motor Vehicle Accidents

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Appendix

Summaries of motor vehicle accidents 1976
— number of accidents
— number of drivers and pedestrians
— number of victims
— number of vehicles

SUMMARY:

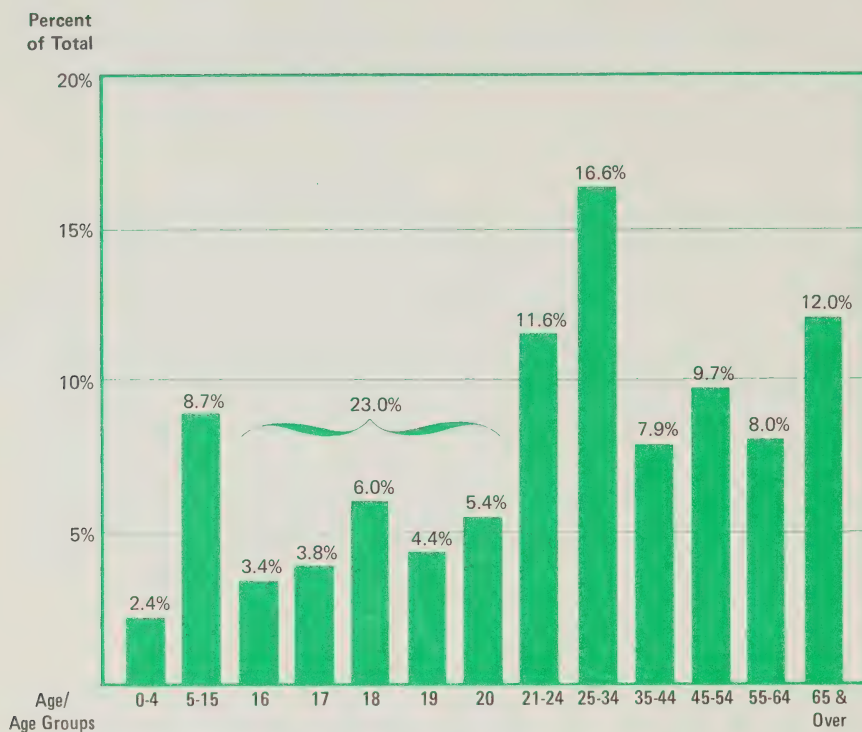
In 1976, there were decreases of 16.8% in fatal accidents, 16.1% in persons killed, 11.8% in non-fatal accidents and 13.7% in personal injuries. Property damage only accidents were up 4.2% from the previous year.

Drivers and passengers killed (excluding motorcycle, moped drivers and passengers) decreased 16.3% and 14.6%. Driver and passenger injuries also decreased 13.6% and 17.1% respectively.

Motorcycle drivers killed and injured decreased 19.6% and 11.4%. Bicyclists killed and injured decreased 14.3% and 7.2%.

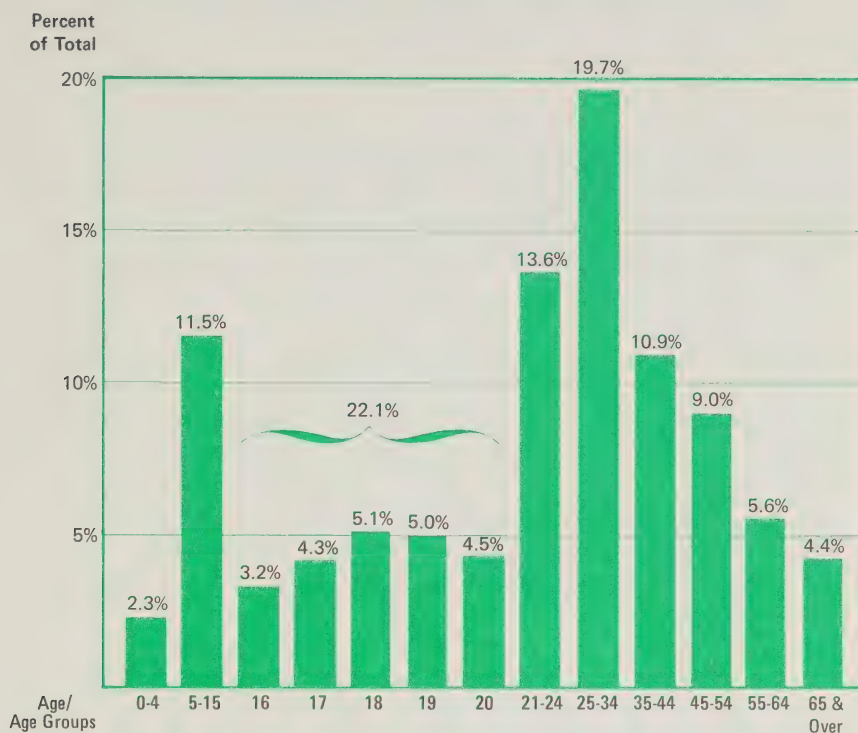
COMPARATIVE STATISTICS 1975-1976			
	1975	1976	% of Change
Total Reportable Motor Vehicle Accidents	213,689	211,865	– 0.8
Fatal Accidents	1,520	1,265	– 16.8
Personal Injury Accidents	65,811	58,028	– 11.8
Property Damage Only Accidents	146,358	152,572	+ 4.2
Persons Killed	1,800	1,511	– 16.1
Persons Injured	97,034	83,736	– 13.7
Vehicle Accident Rate per Million Miles Travelled*	5.3	5.2	– 1.9
Fatal Accident Rate per 100 Million Miles Travelled*	3.8	3.1	– 18.4
Death Rate per 100 Million Miles Travelled*	4.5	3.7	– 17.8
Motor Vehicles Registered	4,295,828*	4,489,140*	+ 4.5
Millions of Vehicle Miles Travelled	40,013**	40,340*	+ 0.8
Ontario Population	8,226,000*	8,331,000*	+ 1.3
Drivers Licensed	4,160,623	4,315,925	+ 3.7
Amount of Property Damage	\$ 224,980,000*	\$ 230,490,000*	+ 2.4
* Estimated			
** Mileage estimated on the basis of 13.72 miles per gallon of taxed gasoline and motor fuel.			

CLASS OF VICTIMS, BY AGE / AGE GROUPS – KILLED



Victim	Total	Class of Victims By Age/Age Groups – Killed													
		0-4	5-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65 & Over	Not Stated
Driver	648	—	4	12	21	28	30	36	88	162	66	82	66	53	—
Passenger	461	18	46	20	20	37	29	22	56	63	37	35	26	52	—
Pedestrian	251	18	48	9	7	6	1	7	6	14	15	25	23	71	1
Bicyclist	48	1	31	3	1	4	—	1	1	—	—	—	3	3	—
Moped Driver	5	—	—	1	—	1	—	—	—	—	—	1	1	1	—
Motorcycle Driver	78	—	—	4	8	9	5	14	24	10	—	2	2	—	—
Motorcycle Passenger	10	—	1	1	1	3	1	1	—	1	—	1	—	—	—
Other	10	—	1	1	—	2	—	1	1	1	1	—	—	2	—
Total	1,511	37	131	51	58	90	66	82	176	251	119	146	121	182	1

CLASS OF VICTIMS, BY AGE / AGE GROUPS – INJURED



Victim	Total	Class of Victims, By Age/Age Groups – Injured													
		0-4	5-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65 & Over	Not Stated
Driver	39,631	8	154	643	1,442	1,861	2,056	1,897	6,210	10,550	6,058	4,582	2,635	1,509	26
Passenger	29,553	1,379	4 370	1,364	1,452	1,716	1,472	1,284	3,589	4,455	2,463	2,329	1,565	1,514	601
Pedestrian	7,218	503	2,759	170	175	164	170	131	402	699	432	490	429	590	104
Bicyclist	3,452	30	2,176	195	161	118	85	84	237	184	54	42	25	24	37
Moped Driver	228	—	10	26	15	12	6	7	37	40	22	22	20	10	1
Motorcycle Driver	2,818	1	80	164	267	329	319	305	745	479	69	29	16	2	13
Motorcycle Passenger	648	1	77	75	70	76	79	59	128	50	15	1	—	—	17
Other	188	2	22	12	10	16	14	8	16	40	11	17	9	4	7
Total	83,736	1,924	9,648	2,649	3,592	4,292	4,201	3,775	11,364	16,497	9,124	7,512	4,699	3,653	806

SUMMARY OF TRENDS IN MOTOR VEHICLE ACCIDENTS AND IN DEATH AND INJURY RATES OVER THE PERIOD 1967 - 1976

SUMMARY:

Between 1967 and the end of 1976, Ontario's population and the number of licensed drivers, motor vehicle registrations and motor vehicle accidents (with the exception of the year 1976) were all on the rise. During the past ten years, traffic deaths reached a high of 1,959 in 1973 and this year's total of 1,511 is the lowest during this period. The population grew from 7.15 million to 8.33 million. The 1976 fatality rate of 18.1 per 100,000 population is not only the lowest fatality rate during this period but also the lowest since the year 1950 at which time the population was 4.47 million and the fatality rate was 17.7.

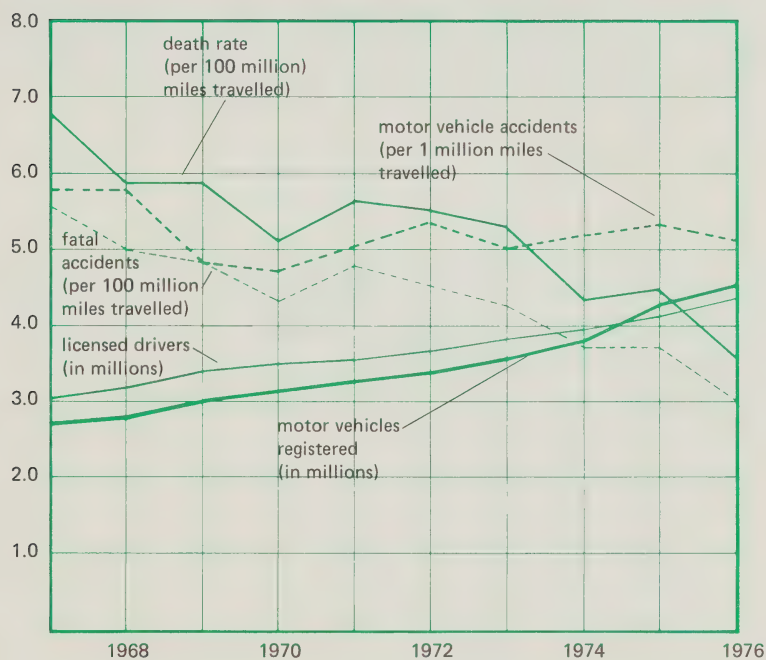
There was a considerable decrease (13,298) in the number of people injured during 1976, from 97,034 to 83,736. The 1976 injury rate per 100,000 population decreased to 1,005.1 from 1,179.6 in 1975 and is the lowest injury rate since 1970.

For the first time since 1970 when the reporting criterion for property damage only accidents was raised from \$100 to \$200, this year there was a slight decrease of 0.8% in the number of reportable motor vehicle accidents which totalled 211,865 as compared to 213,689 in 1975. There were 1,265 fatal accidents and 1,511 persons killed which are decreases of 16.8% and 16.1% respectively and both are the lowest totals since 1964. Personal injury accidents and the number of persons injured also decreased this year 11.8% and 13.7%.

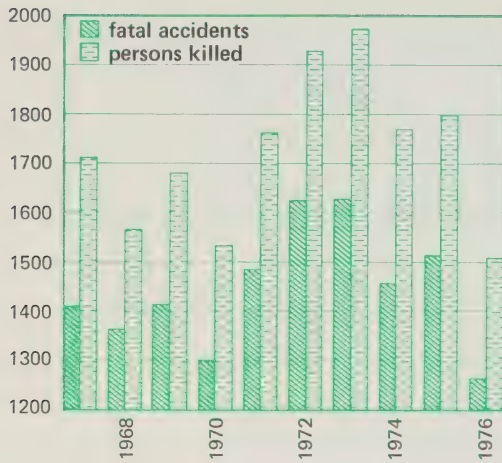
The motor vehicle accident rate per one million miles travelled decreased this year to 5.2. The death rate per 100 million miles travelled decreased to 3.7 and the fatal accident rate decreased to 3.1 per 100 million miles travelled and these are the lowest rates on record since 1955.

The number of miles driven in 1976 was estimated at 40,339,904,000, an increase of 0.8% over the 1975 figure.

**TRENDS IN MOTOR VEHICLE REGISTRATIONS, LICENSED DRIVERS, MOTOR
VEHICLE ACCIDENT RATES, DEATH RATES, FATAL ACCIDENT RATES
1967 - 1976**



FATAL ACCIDENTS AND PERSONS KILLED 1967 - 1976



FATAL MOTOR VEHICLE ACCIDENT VICTIMS IN ONTARIO BY CLASS OF ROAD USER – ALL AGES

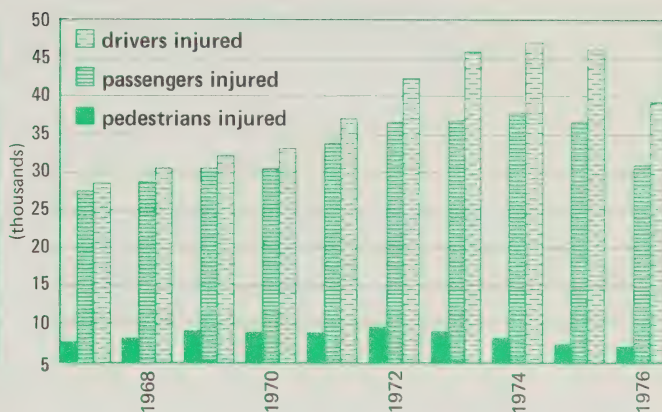
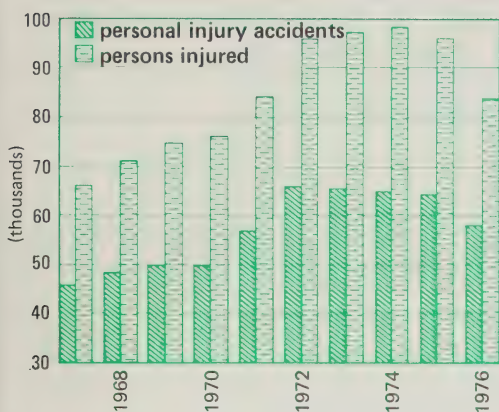
Year	Ontario Population	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/ 100,000**	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000
1967	7,127,000	672	14.0	557	7.8	393	5.5	97	1.4	1,719	24.1
1968	7,262,000	643	13.0	501	6.9	336	4.6	106	1.4	1,586	21.8
1969	7,385,000	707	13.9	537	7.3	346	4.7	93	1.2	1,683	22.8
1970	7,551,000	633	12.1	445	5.9	365	4.8	92	1.2	1,535	20.3
1971	7,703,000	740	13.8	557	7.2	357	4.6	115	1.5	1,769	23.0
1972	7,834,000	827	15.1	581	7.4	383	4.9	143	1.8	1,934	24.7
1973	7,939,000	830	14.8	584	7.4	346	4.4	167	2.1	1,959	24.7
1974	8,094,000	778	13.4	526	6.5	305	3.8	139	1.7	1,748	21.6
1975	8,226,000	774	13.0	556	6.8	294	3.6	176	2.1	1,800	21.9
1976	8,331,000	648	10.8	471	5.6	251	3.0	141	1.7	1,511	18.1

*Includes motorcycle passengers.

**Rate per 100,000 population 16 years of age and over.

The estimated population totals have been revised and the necessary adjustments have been made in the tables showing rates.

PERSONAL INJURY ACCIDENTS AND PERSONS INJURED 1967 - 1976



NON-FATAL MOTOR VEHICLE ACCIDENT VICTIMS IN ONTARIO BY CLASS OF ROAD USER – ALL AGES

Year	Ontario Population	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/ 100,000**	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000
1967	7,127,000	28,169	587.2	27,780	389.8	7,091	99.5	4,240	59.5	67,280	944.0
1968	7,262,000	30,968	627.6	28,952	398.7	7,302	100.6	4,298	59.2	71,520	984.8
1969	7,385,000	32,928	648.0	30,199	408.9	7,610	103.0	4,165	56.4	74,902	1,014.2
1970	7,551,000	33,007	628.1	30,145	399.9	7,538	99.8	4,436	58.7	75,126	994.9
1971	7,703,000	37,936	709.6	34,116	442.9	7,508	97.5	5,090	66.1	84,650	1,098.9
1972	7,834,000	43,910	801.5	37,606	480.0	7,941	101.4	5,724	73.1	95,181	1,215.0
1973	7,939,000	46,414	826.8	37,716	475.1	7,603	95.8	6,057	76.3	97,790	1,231.8
1974	8,094,000	46,621	806.1	37,728	466.1	7,444	92.0	6,880	85.0	98,673	1,219.1
1975	8,226,000	45,847	772.7	36,337	441.7	7,299	88.7	7,551	91.8	97,034	1,179.6
1976	8,331,000	39,631	659.8	30,201	362.5	7,218	86.6	6,686	80.2	83,736	1,005.1

* Includes motorcycle passengers.

** Rate per 100,000 population 16 years of age and over.

The estimated population totals have been revised and the necessary adjustments have been made in the tables showing rates.

MOTOR VEHICLE ACCIDENTS INVOLVING SCHOOL VEHICLES – SCHOOL YEARS 1966-67 – 1975-76

School Year	Pupils Transported Daily	Total Number of Accidents (1)	PUPIL FATALITIES/PERSONAL INJURIES				Injury Rate Per 100,000 Pupils	
			Crossing Road (2)	Within School Vehicle	Other	Total	Fatal	Non-Fatal
1966-67	398,065	409	1/21	9*/105	0/13	10/139	2.5	35
1967-68	414,216	498	2/18	0/89	1/12	3/119	0.7	29
1968-69	447,638	559	3/10	2/152	2/17	7/179	1.6	40
1969-70	478,224	383	4/12	2/109	1/5	7/126	1.5	26
1970-71	523,284	490	0/21	1/151	2/36**	3/208	0.6	40
1971-72	545,046	508	0/9	1/153	1/19	2/181	0.4	33
1972-73	558,549	542	0/9	0/233***	3†/18	3/260	0.6	47
1973-74	592,026	575	1/6	0/364††	0/17	1/387	0.2	65
1974-75	578,817	622	4/19	2/205	0/28	6/252	1.1	45
1975-76	594,410	727	2/14	2/155	1/24	5/193	0.8	32

MOTOR VEHICLE ACCIDENT STATISTICS INVOLVING SCHOOL VEHICLES – SCHOOL YEARS 1974-75 – 1975-76

Type Of School Vehicle	Nature of Accident				Total Number of Accidents (1)	PUPIL FATALITIES/PERSONAL INJURIES						Total Fatalities/ Injuries
						Crossing Road (2)		Within School Vehicle		Other		
	Fatal	Pupil Injury	Non- Pupil Injury	Property Damage		Fatal- ities	Personal Injuries	Fatal- ities	Personal Injuries	Fatal- ities	Personal Injuries	
1974-75												
School Bus	3	77	109	354	543	4	18	2	160	—	22	6/200
Van	1	14	5	26	46	—	1	—	24	—	5	30
Station Wagon	—	3	1	4	8	—	—	—	13	—	1	14
Other Buses	—	3	8	14	25	—	—	—	8	—	—	8
Total	4	97	123	398	622	4	19	2	205	—	28	6/252
1975-76												
School Bus	4	96	67	479	646	2	13	—	145	1	17	3/175
Van	1	4	6	28	39	—	1	2	3	—	2	2/6
Station Wagon	—	4	—	7	11	—	—	—	7	—	3	10
Other Buses	—	2	6	23	31	—	—	—	—	—	2	2
Total	5	106	79	537	727	2	14	2	155	1	24	5/193

(1) Accidents involving a school vehicle directly or indirectly while transporting pupils to or from school.

(2) Pupil struck by approaching vehicle (excluding school vehicle) while waiting to board school vehicle, crossing road to board or after leaving school vehicle.

* Includes one accident resulting in eight pupil fatalities.

** Includes one accident resulting in fifteen pupil injuries.

*** Includes 3 separate accidents resulting in a total of fifty-six pupil injuries (27, 17, 12).

† Includes one school age pedestrian who ran across a street into the path of an oncoming bus; two pupils, after being discharged, were fatally injured by school buses while attempting to cross the streets in front of the buses.

†† Includes 6 separate accidents resulting in a total of 195 pupil injuries (46, 39, 35, 32, 25, 18).

MOTORCYCLE ACCIDENT STATISTICS

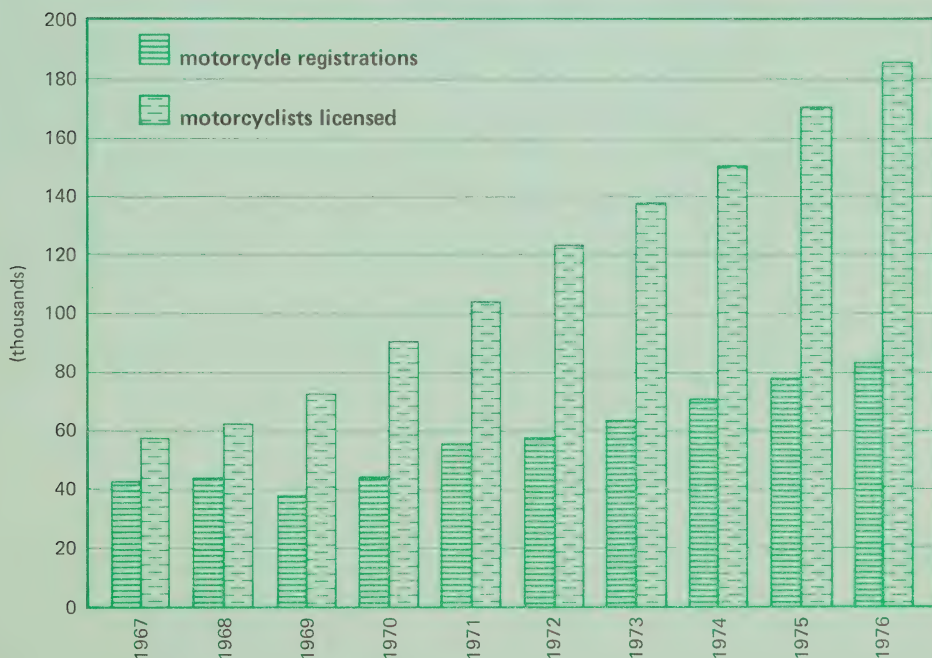
In 1976 the number of motorcycle drivers and passengers killed decreased 19.6% and 37.5% respectively. Also, there were decreases in the number of motorcyclists injuries, 11.4% fewer driver injuries and 4.6% fewer passenger injuries.

The motorcycle driver fatality rate per 100 thousand drivers decreased from 56.4 in 1975 to 42.8 in 1976. The motorcycle driver injury rate per 100 thousand drivers decreased from 1850.5 in 1975 to 1546.7 this year.

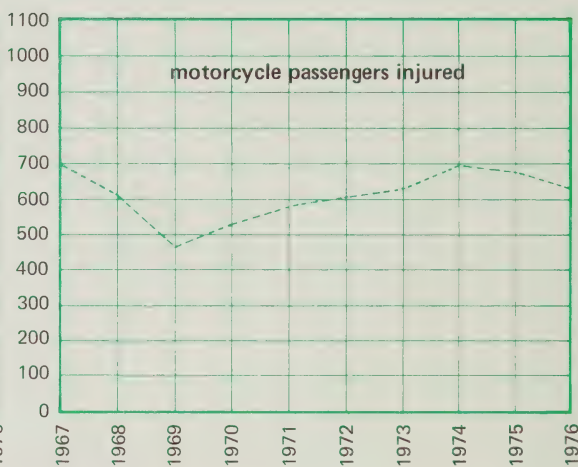
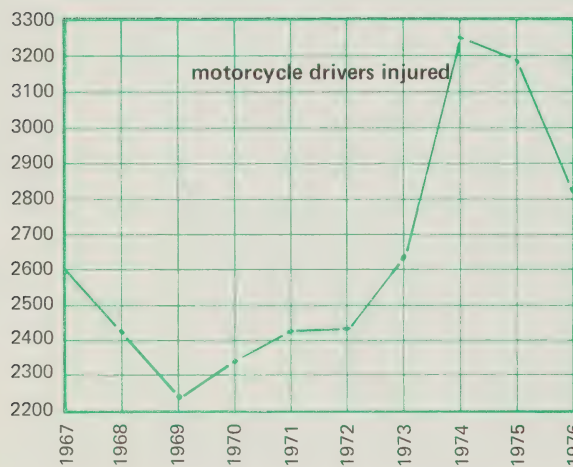
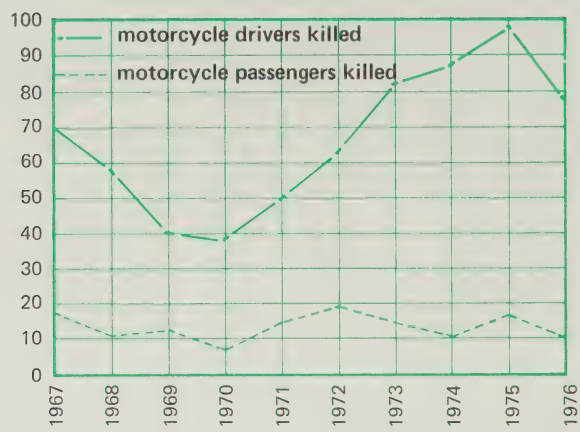
The number of licensed drivers authorized to operate motorcycles increased 6% from 171,900 in 1975 to 182,194 in 1976. Motorcycle registrations were up an estimated 4.5% this year.

MOTORCYCLE REGISTRATIONS AND LICENSED MOTORCYCLISTS

1967 - 1976



MOTORCYCLISTS KILLED AND INJURED



Year	MOTORCYCLISTS KILLED AND INJURED							
	Drivers		% Change Re: 1967		Passengers		% Change Re: 1967	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
1967	66	2,595	—	—	15	713	—	—
1968*	55	2,448	−16.7	− 5.7	10	637	−33.3	−10.7
1969	40	2,228	−39.4	−14.1	11	469	−26.7	−34.2
1970	39	2,348	−40.9	− 9.5	8	530	−46.7	−25.7
1971	51	2,418	−22.7	− 6.8	15	597	—	−16.3
1972	66	2,424	—	− 6.6	17	605	+13.3	−15.2
1973	84	2,623	+27.3	+ 1.1	16	623	+ 6.7	−12.6
1974	86	3,260	+30.3	+25.6	13	708	−13.3	− 0.7
1975	97	3,181	+47.0	+22.6	16	679	+ 6.7	− 4.8
1976	78	2,818	+18.2	+ 8.6	10	648	−33.3	− 9.1

* Amendments to the Highway Traffic Act in 1968 required motorcyclists to wear approved safety helmets.

MOTOR VEHICLE ACCIDENTS BY PLACE OF OCCURRENCE

1967 - 1976

FATAL ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1967	442	103	530	325	1,400
1968	389	111	535	311	1,346
1969	425	106	530	349	1,410
1970	400	119	486	295	1,300
1971	458	128	534	378	1,498
1972	473	105	673	369	1,620
1973	404	132	606	483	1,625
1974	385	118	565	402	1,470
1975	487	143	537	353	1,520
1976	366	89	467	343	1,265

PERSONAL INJURY ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1967	29,105	2,215	6,982	6,721	45,023
1968	30,784	2,438	7,342	7,155	47,719
1969	32,297	2,059	8,217	7,563	50,136
1970	32,230	2,899	7,677	7,566	50,372
1971	34,794	1,846	10,421	9,056	56,117
1972	39,685	3,861	10,137	9,858	63,541
1973	37,067	3,780	10,351	14,137	65,335
1974	33,573	3,780	10,097	18,902	66,352
1975	32,923	3,955	10,085	18,848	65,811
1976	29,243	3,037	8,412	17,336	58,028

ALL MOTOR VEHICLE ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1967	92,952	7,309	24,131	20,616	145,008
1968	100,611	8,087	25,236	21,193	155,127
1969	110,933	9,192	25,888	23,382	169,395
1970	92,091	8,394	21,890	19,234	141,609**
1971	100,479	9,070	24,222	25,060	158,831
1972	123,366	8,786	29,713	27,629	189,494
1973	114,170	11,333	26,882	40,636	193,021
1974	108,552	11,562	27,495	56,662	204,271
1975	112,358	12,693	28,465	60,173	213,689
1976	113,199	11,165	26,028	61,473	211,865

*Includes Secondary Highways.

**Minimum reportable property damage amount changes from over \$100 to over \$200 on January 1, 1970.

MOTOR VEHICLE ACCIDENTS BY TYPE (BASED ON PRIMARY IMPACT)

1967 - 1976

FATAL ACCIDENTS INVOLVING

Year	Single Motor Vehicle	Motor Vehicle And								Total
		Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor ⁺	Animal	Other [‡]	
1967	387	545	373	23	53	2	—	5	12	1,400
1968	394	542	317	45	34	1	—	4	9	1,346
1969	423	563	327	40	42	2	—	—	13	1,410
1970	344	525	336	41	32	—	1	6	15	1,300
1971	442	611	335	51	34	—	1	7	17	1,498
1972	444	666	364	65	43	—	4	5	29	1,620
1973	488	676	321	69	42	1	8	3	17	1,625
1974	457	630	288	45	34	—	3	4	9	1,470
1975	480	651	273	64*	22	2	6	7	15	1,520
1976	376	567	228	46	28	2	2	1	15	1,265

PERSONAL INJURY ACCIDENTS INVOLVING

Year	Single Motor Vehicle	Motor Vehicle And								Total
		Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor ⁺	Animal	Other [‡]	
1967	10,400	25,945	6,511	1,495	136	99	—	190	247	45,023
1968	11,388	27,240	6,689	1,682	137	132	—	179	272	47,719
1969	11,803	28,838	6,951	1,759	143	119	—	196	327	50,136
1970	11,463	29,265	6,891	1,869	136	102	59	223	364	50,372
1971	13,163	32,407	6,699	2,472	142	92	77	230	835	56,117
1972	15,203	36,822	7,060	3,120	141	80	101	233	781	63,541
1973	16,733	37,564	6,827	3,329	131	89	90	237	335	65,335
1974	17,515	37,831	6,680	3,446	137	118	83	253	289	66,352
1975	17,274	36,914	6,570	4,218*	125	131	101	265	213	65,811
1976	14,700	32,682	6,502	3,432	116	84	76	192	244	58,028

ALL MOTOR VEHICLE ACCIDENTS INVOLVING

Year	Single Motor Vehicle	Motor Vehicle And								Total
		Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor ⁺	Animal	Other [‡]	
1967	30,254	102,638	6,884	1,530	403	432	—	1,440	1,427	145,008
1968	32,941	109,591	7,006	1,741	401	468	—	1,510	1,469	155,127
1969	34,409	121,865	7,278	1,815	374	434	—	1,658	1,562	169,395
1970	28,511	101,011	7,227	1,918	320	275	145	1,317	885	141,609
1971	32,167	112,671	7,037	2,541	366	298	219	1,402	2,130	158,831
1972	39,033	135,500	7,438	3,217	390	287	250	1,397	1,982	189,494
1973	41,965	137,039	7,161	3,412	322	353	254	1,554	961	193,021
1974	45,720	144,447	6,977	3,508	366	412	224	1,892	725	204,271
1975	48,283	150,252	6,860	4,328*	328	536	306	2,159	637	213,689
1976	44,422	153,559	6,739	3,497	321	455	316	1,792	764	211,865

* Includes Moped Driver.

+ Included with Other 1967-1969.

‡ Includes Horse Drawn Vehicles.

SELECTED CHARACTERISTICS OF MOTOR VEHICLE ACCIDENTS

SUMMARY: The following tables present motor vehicle accident information in relation to selected driver, vehicle, pedestrian and road characteristics. Listings of accidents by various geographic areas of the province are included.

CONDITION OF DRIVER								
Condition	All Accidents				Fatal Accidents			
	1975	%	1976	%	1975	%	1976	%
Apparently Normal	306,392	87.2	307,248	87.9	1,379	60.4	1,169	60.0
Ability Impaired By Alcohol	9,900	2.8	9,623	2.8	300	13.2	283	14.5
Had Been Drinking	21,020	6.0	19,675	5.6	304	13.3	229	11.7
Other	2,416	0.7	2,416	0.7	29	1.3	19	1.0
Not Known	11,420	3.3	10,690	3.0	269	11.8	249	12.8
Total	351,148	100.0	349,652	100.0	2,281	100.0	1,949	100.0

RECORDED OCCURRENCE OF ALCOHOL IN DRIVERS KILLED				
Recorded Occurrence	Number of Drivers*			
	1975	%	1976	%
Apparently Normal	335	48.2	260	45.8
Ability Impaired By Alcohol	234	33.6	224	39.4
Had Been Drinking	127	18.2	84	14.8
Total	696	100.0	568	100.0

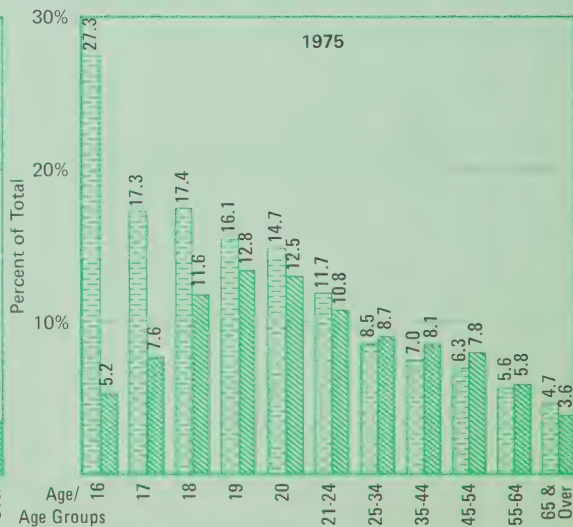
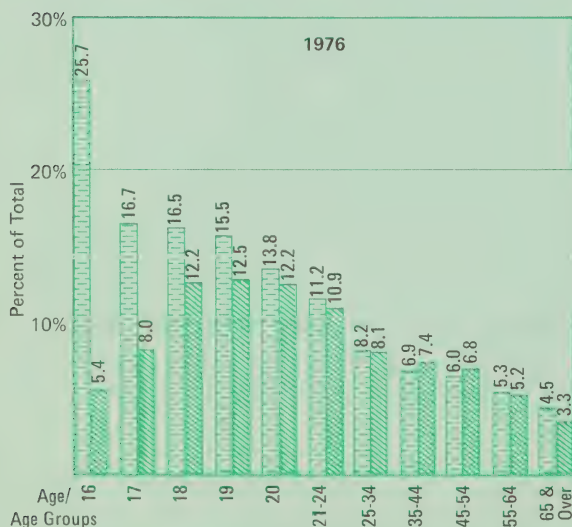
* Excludes cases where alcohol usage information was not provided.

LICENSED DRIVERS AS COMPARED WITH DRIVERS INVOLVED IN MOTOR VEHICLE ACCIDENTS – BY AGE / AGE GROUPS

1975 - 1976

Drivers Age/ Age Groups	DRIVERS				% Of Drivers Of Each Age/Age Groups Involved In Accidents	
	Licensed		Involved In Accidents			
	1975	1976	1975	1976	1975	1976
Under 16	—	—	753	708	—	—
16	25,381	27,139	6,936	6,976	27.3	25.7
17	71,516	75,653	12,367	12,608	17.3	16.7
18	92,042	95,005	16,049	15,684	17.4	16.5
19	101,171	105,900	16,326	16,455	16.1	15.5
20	105,905	110,518	15,527	15,291	14.7	13.8
21 - 24	444,681	461,520	52,224	51,790	11.7	11.2
25 - 34	1,072,794	1,120,151	91,253	91,361	8.5	8.2
35 - 44	789,779	808,893	55,576	55,617	7.0	6.9
45 - 54	705,586	717,552	44,114	43,208	6.3	6.0
55 - 64	465,360	490,718	25,874	25,998	5.6	5.3
65 & Over	286,408	302,876	13,515	13,526	4.7	4.5
Not Known	—	—	634	430	—	—
Total	4,160,623	4,315,925	351,148	349,652		

- Percentage of Licenced Drivers of Each Age/Age Groups Involved in Motor Vehicle Accidents
- Percentage of Drivers of Each Age/Age Groups Involved in Motor Vehicle Accidents Who Had Been Drinking or Their Ability To Drive was Impaired by Alcohol



DRIVER CONDITION BY AGE/AGE GROUPS IN ALL MOTOR VEHICLE ACCIDENTS 1975-1976

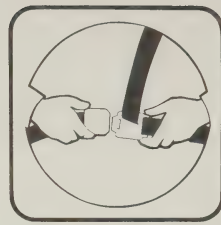
Age Group	Normal		Ability Impaired-Alcohol		Had Been Drinking		Other		Not Known		Total	
	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976
Under 16	589	541	11	19	67	54	14	18	72	76	753	708
16	6,251	6,269	64	87	297	294	45	55	279	271	6,936	6,976
17	10,868	11,035	198	204	736	805	81	88	484	476	12,367	12,608
18	13,395	13,110	388	401	1,470	1,519	143	115	653	539	16,049	15,684
19	13,474	13,717	459	475	1,627	1,583	140	125	626	555	16,326	16,455
20	12,921	12,778	464	495	1,475	1,367	137	107	530	544	15,527	15,291
21 - 24	44,407	44,137	1,392	1,528	4,254	4,122	368	329	1,803	1,674	52,224	51,790
25 - 34	79,959	80,722	2,589	2,536	5,350	4,897	505	506	2,850	2,700	91,253	91,361
35 - 44	49,191	49,658	1,893	1,736	2,629	2,382	270	312	1,593	1,529	55,576	55,617
45 - 54	39,140	38,782	1,530	1,303	1,914	1,635	253	278	1,277	1,210	44,114	43,208
55 - 64	23,431	23,772	668	644	854	701	188	213	733	668	25,874	25,998
65 & Over	12,370	12,464	197	175	283	272	267	256	398	359	13,515	13,526
Not Known	396	263	47	20	64	44	5	14	122	89	634	430
Total	306,392	307,248	9,900	9,623	21,020	19,675	2,416	2,416	11,420	10,690	351,148	349,652

APPARENT DRIVER ACTION IN ALL MOTOR VEHICLE ACCIDENTS 1975-1976

Action	1975	% Of Total	1976	% Of Total
Driving Properly	158,518	45.1	159,378	45.6
Following Too Close	18,854	5.4	17,865	5.1
Speed Too Fast	31,254	8.9	28,894	8.3
Improper Turn	13,136	3.7	13,083	3.7
Disobey Traffic Signal	5,753	1.7	5,625	1.6
Disobey Stop Sign	4,590	1.3	4,583	1.3
Fail To Yield Right of Way	36,484	10.4	37,269	10.6
Improper Passing	5,267	1.5	4,991	1.4
Lost Control	26,451	7.5	27,802	8.0
Wrong Way On One-Way Road	387	0.1	326	0.1
Not Known	18,204	5.2	16,741	4.8
Other*	32,250	9.2	33,095	9.5
Total	351,148	100.0	349,652	100.0

*Includes actions defined as Careless Driving, Inattentive Driving, Fell Asleep, Hit and Run, On Wrong Side of Road, Improper Parking, Impaired, Illegally Parked, Dangerous Driving, Inexperience, etc.

DRIVER SEAT BELT USAGE BY NATURE OF INJURY 1975 - 1976



DRIVER SEAT BELT USAGE BY NATURE OF INJURY — 1975*

Nature of Injury	Installed — Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1975	%	1975	%	1975	%	1975	%	1975	%	1975	%
Killed	463	0.20	42	0.07	63	0.9	47	0.3	159	0.6	774	0.2
Injured	31,862	13.6	7,175	11.6	784	11.2	2,253	12.5	3,773	14.6	45,847	13.2
Not Injured	202,209	86.2	54,888	88.4	6,135	87.9	15,708	87.2	21,873	84.8	300,813	86.6
Total	234,534	100.0	62,105	100.0	6,982	100.0	18,008	100.0	25,805	100.0	347,434	100.0

DRIVER SEAT BELT USAGE BY NATURE OF INJURY — 1976*

Nature of Injury	Installed — Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1976	%	1976	%	1976	%	1976	%	1976	%	1976	%
Killed	318	0.74	153	0.06	53	1.4	37	0.2	87	0.8	648	0.2
Injured	6,871	16.0	27,735	10.3	568	15.0	2,652	14.4	1,805	16.1	39,631	11.4
Not Injured	35,673	83.2	241,884	89.7	3,158	83.6	15,670	85.4	9,339	83.1	305,724	88.4
Total	42,862	100.0	269,772	100.0	3,779	100.0	18,359	100.0	11,231	100.0	346,003	100.0

*Excludes Motorcycle and Moped Drivers.

Mandatory usage of seat belts came into effect on January 1, 1976. 70.8% of the drivers involved in motor vehicle accidents were using their seat belts and 12.4% were not using them as opposed to 17.9% of the drivers in 1975 who were using their seat belts and 67.5% were not.

This year, there were 16.3% fewer driver fatalities and 13.6% driver injuries. Out of the 42,862 drivers who had seat belts installed but were not using them 0.74% (318) were killed, 16.0% (6,871) were injured and 83.2% (35,673) were not injured. In comparison, 0.06% (153) of the 269,772 drivers who were using their seat belts were killed, 10.3% (27,735) were injured and 89.7% (241,884) were not injured.

**PASSENGER SEAT BELT USAGE
BY NATURE OF INJURY
1976**



PASSENGER SEAT BELT USAGE BY NATURE OF INJURY — 1976**

Nature of Injury	Installed — Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1976	%	1976	%	1976	%	1976	%	1976	%	1976	%
Killed	201	0.89	100	0.08	24	1.7	39	0.4	97	0.2	461	0.2
Injured	5,095	22.5	15,302	12.8	280	19.9	1,901	18.2	6,975	16.6	29,553	15.1
Not Injured	17,336	76.6	104,073	87.1	1,103	78.4	8,489	81.4	34,954	83.2	165,955	84.7
Total	22,632	100.0	119,475	100.0	1,407	100.0	10,429	100.0	42,026	100.0	195,969	100.0

**Excludes motorcycle and moped Passengers.

Statistical data of passenger seat belt usage prior to 1976 is not available. In 1976, 61% of the passengers involved in motor vehicle accidents were using their seat belts and 11.5% were not. This year there were 14.6% fewer passenger fatalities and 17.1% passenger injuries. Out of 22,632 passengers who had seat belts installed but were not using them 0.89% (201) were killed, 22.5% (5,095) were injured and 76.6% (17,336) were not injured. In comparison, 0.08% (100) of the 119,475 passengers who were using their seat belts were killed, 12.8% (15,302) were injured and 87.1% (104,073) were not injured.

ACTIONS OF PEDESTRIANS KILLED AND INJURED 1975 – 1976

Action	1975		1976	
	Killed	Injured	Killed	Injured
Crossing Intersection With Right of Way	9	1,016	8	971
Crossing Intersection Without Right of Way	5	442	8	461
Crossing Intersection No Traffic Control	12	188	7	196
Crossing Pedestrian Crossover	3	278	2	258
Walking on Roadway With Traffic	25	208	22	277
Walking on Roadway Against Traffic	12	115	13	141
On Sidewalk or Shoulder	22	450	15	499
Coming from Behind Parked Vehicle or Object	15	659	16	685
Playing or Working on Highway	6	148	8	153
Running into Roadway	58	1,907	48	1,764
Crossing Through Traffic	65	865	51	846
Other	62	1,023	53	967
Total	294	7,299	251	7,218

CONDITION OF PEDESTRIANS KILLED AND INJURED 1975 – 1976

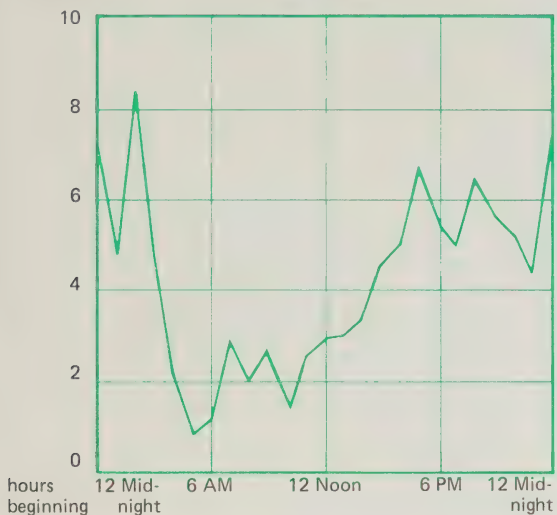
Condition	1975		1976	
	Killed	Injured	Killed	Injured
Normal	134	5,591	127	5,560
Had Been Drinking	24	397	17	468
Ability Impaired by Alcohol	41	114	33	138
Ability Impaired by Drugs	—	4	—	13
Fatigue	—	4	—	2
Medical or Physical Defect	9	80	6	81
Not Known	84	988	65	846
Other	2	121	3	110
Total	294	7,299	251	7,218

PERSONS KILLED BY TIME OF DAY AND WEEK

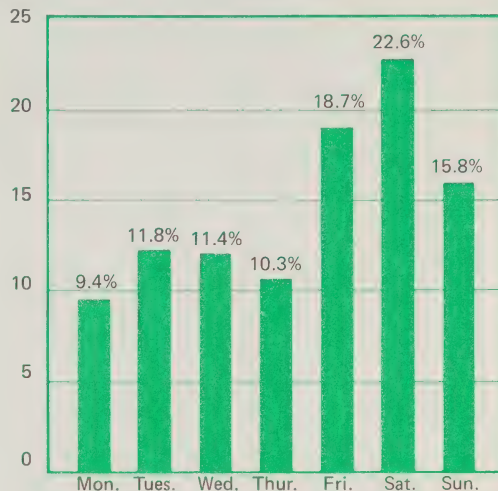
1976

Percent
of Total

TIME OF DAY

Percent
of Total

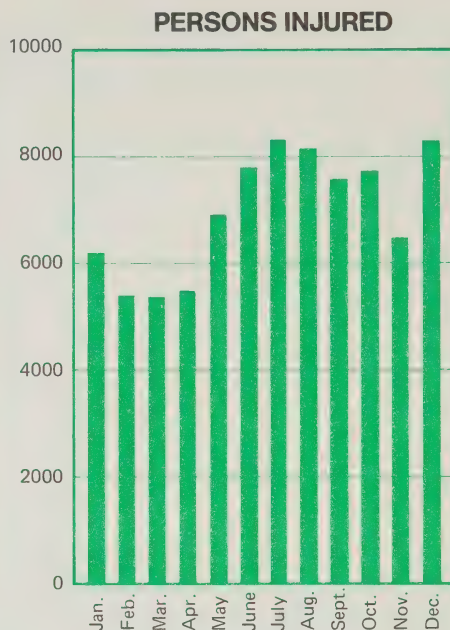
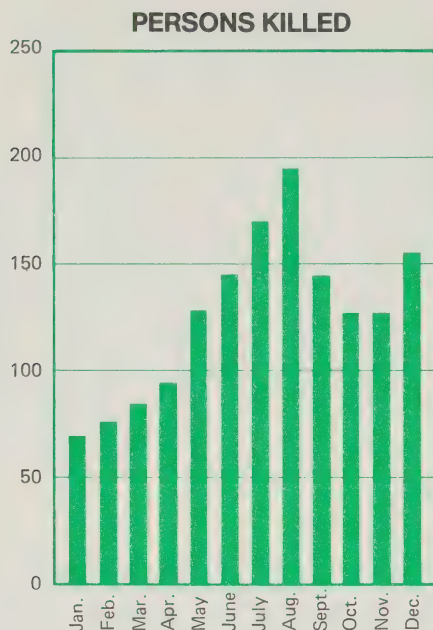
DAY OF WEEK



PERSONS KILLED BY TIME OF DAY AND DAY OF WEEK

Time	Total	%	Mon.	Tue.	Wed.	Thur.	Fri.	Sat.	Sun.
12 - 01 AM	76	5.0	3	3	8	7	13	24	18
01 - 02 "	127	8.4	1	4	8	10	17	49	38
02 - 03 "	75	5.0	4	1	1	6	10	27	26
03 - 04 "	31	2.1	1	1	2	1	3	13	10
04 - 05 "	15	1.0	—	2	—	—	1	5	7
05 - 06 "	18	1.2	2	1	1	1	4	6	3
06 - 07 "	44	2.9	3	6	9	7	2	12	5
07 - 08 "	30	2.0	4	5	3	5	8	4	1
08 - 09 "	41	2.7	5	8	7	10	3	7	1
09 - 10 "	20	1.3	4	4	2	1	6	3	—
10 - 11 "	38	2.5	2	6	2	5	7	8	8
11 - 12 "	44	2.9	9	7	5	2	9	9	3
12 - 01 PM	45	3.0	5	7	11	3	9	5	5
01 - 02 "	51	3.4	5	8	6	7	8	5	12
02 - 03 "	70	4.6	4	11	12	10	18	10	5
03 - 04 "	75	5.0	11	12	15	9	4	13	11
04 - 05 "	101	6.7	10	15	16	11	23	18	8
05 - 06 "	81	5.4	11	9	5	14	20	13	9
06 - 07 "	74	4.9	7	12	10	8	14	16	7
07 - 08 "	97	6.4	16	6	15	7	15	18	20
08 - 09 "	86	5.7	6	15	9	7	26	14	9
09 - 10 "	78	5.2	8	10	6	8	18	19	9
10 - 11 "	65	4.3	9	11	7	4	18	11	5
11 - 12 "	109	7.2	12	11	11	12	26	26	11
Unknown	20	1.3	—	3	1	1	1	7	7
Total	1,511	100.0	142	178	172	156	283	342	238

PERSONS KILLED AND INJURED BY MONTH OF OCCURRENCE 1976



PERSONS KILLED AND INJURED BY MONTH OF OCCURRENCE		
Month	Killed	Injured
January	71	6,152
February	76	5,228
March	86	5,204
April	96	5,608
May	129	6,702
June	147	7,824
July	166	8,439
August	191	8,187
September	144	7,683
October	126	7,750
November	126	6,651
December	153	8,308
Total	1,511	83,736

TYPE OF VEHICLE INVOLVED IN ALL ACCIDENTS – 1976

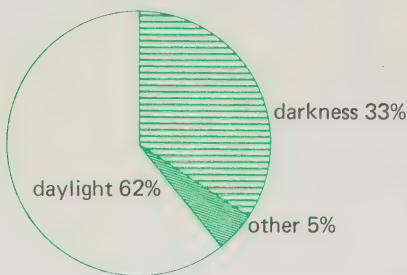
Type of Vehicle	In All Accidents	In Fatal	In Personal Injury	In Property Damage
Passenger Car	315,380	1,449	79,873	234,058
Passenger Car & Trailer	1,236	8	285	943
Truck	45,384	309	10,665	34,410
Truck & Trailer	2,482	19	541	1,922
Tractor & Semi-Trailer	4,610	85	1,097	3,428
Motorcycle	4,369	98	3,638	633
Bus	3,270	18	883	2,369
School Bus	925	4	213	708
Other – Or Not Known	5,877	97	4,091	1,689
Non Motor Vehicle	5,356	9	473	4,874
Total	388,889	2,096	101,759	285,034

TYPE AND CONDITION OF VEHICLES INVOLVED – ALL ACCIDENTS – 1976

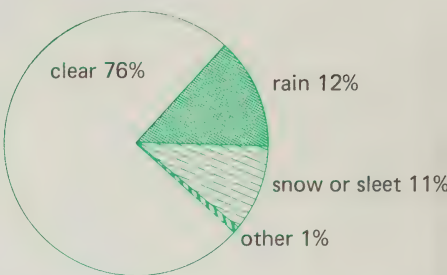
Condition	Passenger Car	Passenger Car & Trailer	Truck	Truck & Trailer	Tractor Semi-Trailer	Motorcycle	Bus	School Bus	Other Motor Vehicle	Non Motor Vehicle	Total
No Apparent Defect	296,395	1,100	41,849	2,158	3,981	4,001	3,153	893	4,760	436	358,726
Service Brakes Defective	1,168	5	435	33	94	21	16	5	104	11	1,892
Steering Defective	299	—	90	2	19	15	—	1	4	—	430
Tire Puncture or Blow Out	874	17	209	19	56	34	2	—	3	2	1,216
Tire Tread Insufficient	948	3	125	1	9	9	3	1	1	—	1,100
Headlamps Defective	96	—	15	1	1	9	—	—	27	2	151
Other Lamps or Reflectors Defective	382	4	139	10	17	7	4	3	46	3	615
Engine Controls Defective	431	1	70	5	13	11	2	1	4	—	538
Wheels or Suspension Defective	196	7	87	17	45	18	5	3	3	—	381
Vision Obscured	229	—	46	1	2	—	2	—	9	—	289
Other Defects	1,509	66	450	121	143	46	17	4	117	40	2,513
Not Known	12,853	33	1,869	114	230	198	66	14	799	4,862	21,038
Total	315,380	1,236	45,384	2,482	4,610	4,369	3,270	925	5,877	5,356	388,889

ALL ACCIDENTS – 1976 – LIGHT CONDITION, VISIBILITY
AND ROAD LOCATION

LIGHT CONDITION



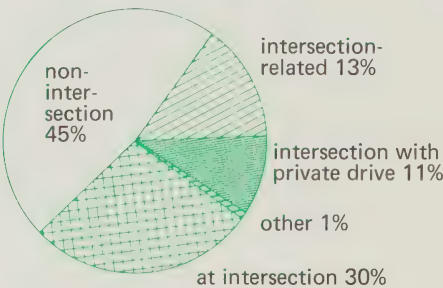
VISIBILITY



Light Condition	Total	Fatal	Personal Injury	Property Damage
Daylight	131,163	556	34,911	95,696
Dawn	2,328	18	608	1,702
Dusk	8,067	40	2,193	5,834
Darkness	69,393	645	20,141	48,607
Not Known	914	6	175	733
Total	211,865	1,265	58,028	152,572

Visibility	Total	Fatal	Personal Injury	Property Damage
Clear	160,536	1,022	45,646	113,868
Rain	25,641	128	6,923	18,590
Snow or Sleet	22,415	84	4,514	17,817
Fog, Mist, Smoke, or Dust	2,636	29	829	1,778
Not Known	637	2	116	519
Total	211,865	1,265	58,028	152,572

ROAD LOCATION



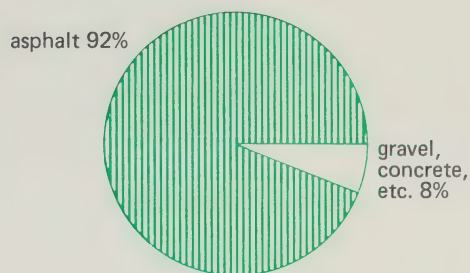
Road Location	Total	Fatal	Personal Injury	Property Damage
Non-Intersection	94,366	848	26,747	66,771
Intersection-Related	26,653	67	6,865	19,721
At Intersection	62,552	216	18,094	44,242
Intersection with Private Drive	24,082	75	5,079	18,928
At Railroad Crossing	861	29	276	556
Underpass or Tunnel	375	2	96	277
Overpass or Bridge	1,927	18	587	1,322
Other	1,049	10	284	755
Total	211,865	1,265	58,028	152,572

ALL ACCIDENTS – 1976 – ROAD TYPE, ROAD CONDITION AND ROAD SURFACE CONDITION

ROAD CONDITION



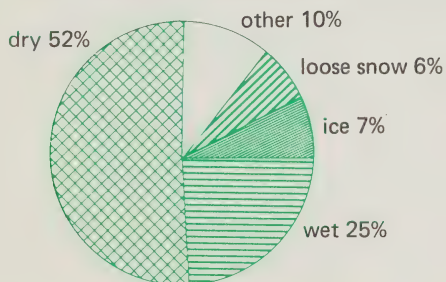
ROAD TYPE



Road Condition	Total	Fatal	Personal Injury	Property Damage
Good	201,828	1,241	55,579	145,008
Under Repair	942	4	281	657
Under Const.	1,745	4	504	1,237
Defective	1,669	6	487	1,176
Other	5,681	10	1,177	4,494
Total	211,865	1,265	58,028	152,572

Road Type	Total	Fatal	Personal Injury	Property Damage
Asphalt	195,315	1,141	53,449	140,725
Gravel or Crushed Stone	9,948	83	2,865	7,000
Concrete	5,302	35	1,367	3,900
Earth	629	3	157	469
Other	671	3	190	478
Total	211,865	1,265	58,028	152,572

ROAD SURFACE CONDITION



Road Surface Condition	Total	Fatal	Personal Injury	Property Damage
Dry	110,934	859	34,735	75,340
Wet	53,425	258	14,203	38,964
Loose Snow	12,863	42	2,354	10,467
Slush	7,442	28	1,530	5,884
Packed Snow	10,708	31	1,883	8,794
Ice	14,965	38	2,822	12,105
Mud	138	—	43	95
Loose Sand or Gravel	1,390	9	458	923
Total	211,865	1,265	58,028	152,572

STATISTICS RELATING TO MOTOR VEHICLE ACCIDENTS IN ONTARIO CITIES, TOWNS AND VILLAGES - 1976

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Ailsa Craig	8	—	1	7	—	1
Ajax	360	3	100	257	5	160
Alexandria	95	—	17	78	—	23
Alfred	13	—	6	7	—	7
Alliston	74	1	20	53	1	28
Almonte	70	—	17	53	—	20
Alvinston	9	—	4	5	—	4
Amherstburg	82	—	23	59	—	30
Ancaster	264	4	83	177	4	144
Arkona	5	1	—	4	1	4
Arnprior	163	1	33	129	1	40
Arthur	13	—	4	9	—	5
Athens	1	—	—	1	—	—
Aurora	273	1	78	194	3	126
Aylmer	60	1	14	45	1	25
Ayr	6	—	2	4	—	2
Bancroft	52	—	14	38	—	26
Barrie	900	2	185	713	2	252
Barry's Bay	30	1	9	20	1	13
Bath	6	—	1	5	—	1
Bayfield	15	—	4	11	—	8
Beachburg	5	—	2	3	—	2
Beeton	17	—	5	12	—	8
Bell River	44	—	7	37	—	8
Belleville	837	1	190	646	1	260
Belmont	9	—	4	5	—	8
Blenheim	77	—	17	60	—	17
Blind River	63	—	17	46	—	22
Bloomfield	11	—	5	6	—	8
Blyth	6	—	—	6	—	—
Bobcaygeon	19	—	4	15	—	4
Bonfield	7	—	1	6	—	1
Bothwell	17	—	1	16	—	1
Bracebridge	124	—	24	100	—	38
Bradford	96	—	17	79	—	25
Braeside	2	—	—	2	—	—
Brampton	2,098	12	512	1,574	16	760
Brantford	1,617	1	302	1,314	1	430
Brighton	27	1	6	20	1	7
Brockville	509	—	122	387	—	175
Bruce Mines	18	—	8	10	—	11
Brussels	22	—	2	20	—	2
Burk's Falls	17	—	3	14	—	3
Burlington	1,993	7	535	1,451	8	766
Cache Bay	7	—	1	6	—	1
Caledon	608	7	187	414	10	305
Cambridge	1,766	4	430	1,332	4	587
Campbellford	65	—	7	58	—	7

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Capreol	29	2	10	17	2	16
Cardinal	21	—	6	15	—	10
Carleton Place	113	—	22	91	—	29
Casselman	22	—	3	19	—	3
Chalk River	21	—	6	15	—	6
Charlton	3	—	—	3	—	—
Chatham	1,012	2	291	719	3	392
Chatsworth	7	—	1	6	—	1
Chesley	7	—	—	7	—	—
Chesterville	26	—	3	23	—	3
Clifford	11	—	1	10	—	1
Clinton	63	—	15	48	—	18
Cobalt	35	—	5	30	—	5
Cobden	5	—	2	3	—	4
Cobourg	261	2	66	193	2	98
Cochrane	116	1	33	82	1	42
Colborne	31	—	7	24	—	9
Coldwater	8	—	3	5	—	6
Collingwood	326	1	67	258	1	96
Coniston	3	1	1	1	1	1
Cookstown	11	—	8	3	—	12
Cornwall	1,280	6	222	1,052	6	312
Creemore	13	—	2	11	—	2
Deep River	33	—	12	21	—	15
Delhi	353	6	104	243	7	162
Deseronto	26	—	2	24	—	2
Drayton	7	—	1	6	—	1
Dresden	23	—	4	19	—	4
Dryden	118	—	28	90	—	31
Dundalk	16	—	2	14	—	2
Dundas	386	2	121	263	2	174
Dunnville	243	2	73	168	2	97
Durham	20	—	4	16	—	4
Dutton	10	—	3	7	—	3
Eganville	14	—	3	11	—	4
Elmira	16	—	5	11	—	5
Elmvale	21	—	4	17	—	7
Elora	56	—	7	49	—	8
Embro	2	—	1	1	—	2
Englehart	36	—	7	29	—	12
Erieau	5	—	3	2	—	3
Erie Beach	2	—	1	1	—	3
Erin	31	—	3	28	—	9
Espanola	87	1	12	74	1	15
Essex	99	—	20	79	—	29
Exeter	92	—	23	69	—	30
Fenelon Falls	52	—	10	42	—	16
Fergus	124	—	28	96	—	34

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Finch	4	—	—	4	—	—
Flesherton	12	—	2	10	—	3
Forest	38	—	7	31	—	7
Fort Erie	578	1	179	398	1	264
Fort Francis	233	1	51	181	1	72
Frankford	19	—	5	14	—	7
Gananoque	76	—	15	61	—	19
Geraldton	74	—	13	61	—	16
Glencoe	47	—	10	37	—	12
Goderich	101	—	24	77	—	29
Gore Bay	8	—	1	7	—	1
Grand Bend	45	—	15	30	—	20
Grand Valley	3	—	—	3	—	—
Gravenhurst	105	1	33	71	1	48
Grimsby	270	2	96	172	2	132
Guelph	1,145	8	204	933	8	296
Hagersville	423	2	109	312	3	163
Haileybury	114	—	27	87	—	38
Halton Hills	730	4	206	520	10	305
Hamilton	8,033	19	2,459	5,555	19	3,307
Hanover	161	—	34	127	—	40
Harrow	33	—	4	29	—	5
Hastings	2	1	—	1	1	—
Havelock	17	—	4	13	—	6
Hawkesbury	308	2	47	259	2	59
Hearst	86	—	15	71	—	19
Hensall	19	—	2	17	—	2
Hepworth	2	—	1	1	—	1
Highgate	4	—	1	3	—	1
Hilton Beach	1	—	—	1	—	—
Huntsville	112	—	19	93	—	25
Ingersoll	242	—	43	199	—	60
Iron Bridge	9	—	4	5	—	5
Iroquois	9	—	1	8	—	1
Iroquois Falls	106	1	28	77	1	34
Kapuskasing	187	—	42	145	—	58
Kearney	3	—	1	2	—	1
Keewatin	44	—	5	39	—	7
Kemptville	31	—	4	27	—	4
Kenora	247	1	45	201	1	64
Killaloe Station	11	—	—	11	—	—
Kincardine	131	—	27	104	—	43
Kingston	1,362	2	295	1,065	2	382
Kingsville	75	1	22	52	1	31
Kitchener	3,777	12	877	2,888	13	1,238
Lakefield	48	—	13	35	—	18
Lanark	16	—	1	15	—	1
Lancaster	20	—	6	14	—	8

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Latchford	3	—	—	3	—	—
Leamington	285	1	46	238	1	62
Levack	2	—	2	—	—	2
Lincoln	279	1	78	200	1	130
Lindsay	295	—	80	215	—	111
Lion's Head	2	—	—	2	—	—
Listowel	118	—	18	100	—	21
Little Current	25	—	4	21	—	4
Lively	11	—	7	4	—	8
London	6,729	9	1,934	4,786	11	2,645
L'Orignal	16	—	1	15	—	2
Lucan	24	—	3	21	—	3
Lucknow	24	1	7	16	1	9
Madoc	24	—	6	18	—	7
Magnetawan	5	—	1	4	—	1
Markdale	16	—	1	15	—	1
Markham	1,099	4	253	842	5	388
Marmora	43	1	9	33	1	16
Massey	15	—	7	8	—	9
Mattawa	33	—	14	19	—	18
Maxville	10	—	2	8	—	2
Meaford	54	—	9	45	—	17
Merrickville	17	—	2	15	—	2
Midland	247	1	76	170	1	118
Mildmay	8	—	1	7	—	2
Millbrook	11	—	3	8	—	3
Milton	546	5	153	388	5	222
Milverton	27	—	5	22	—	5
Mississauga	4,971	20	1,241	3,710	25	1,748
Mitchell	67	—	13	54	—	16
Morrisburg	20	—	4	16	—	6
Mount Forest	58	—	8	50	—	10
Napanee	125	—	32	93	—	46
Neustadt	4	—	1	3	—	2
Newboro	2	—	—	2	—	—
Newburgh	5	—	2	3	—	2
Newbury	8	—	—	8	—	—
Newcastle	613	3	175	435	3	261
New Hamburg	27	—	5	22	—	7
New Liskeard	127	1	19	107	1	29
Newmarket	395	3	120	272	4	143
Niagara Falls	1,896	11	464	1,421	13	669
Niagara-on-the-Lake	304	1	91	212	1	127
North Bay	1,140	3	314	823	4	427
Norwich	93	5	24	64	7	36
Norwood	13	—	1	12	—	1
Oakville	1,363	5	367	991	7	515
Oil Springs	10	—	1	9	—	1

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Omeme	11	—	2	9	—	3
Orangeville	189	1	35	153	1	40
Orillia	454	1	149	304	1	204
Oshawa	2,293	7	559	1,727	7	779
Ottawa	10,909	29	2,111	8,769	29	2,718
Owen Sound	440	—	98	342	—	128
Paisley	27	—	5	22	—	5
Palmerston	39	1	5	33	1	9
Paris	130	3	30	97	3	47
Parkhill	26	—	10	16	—	13
Parry Sound	68	—	18	50	—	25
Pelham	186	2	51	133	2	76
Pembroke	352	1	65	286	1	85
Penetanguishene	117	—	19	98	—	26
Perth	164	1	29	134	1	44
Petawawa	111	1	25	85	1	40
Peterborough	1,422	3	342	1,077	3	467
Petrolia	90	—	18	72	—	24
Pickering	517	4	153	360	4	248
Picton	130	—	15	115	—	18
Plantagenet	14	—	2	12	—	4
Point Edward	101	1	29	71	1	42
Port Burwell	10	—	1	9	—	1
Port Colborne	470	4	117	349	4	159
Port Dover	387	8	118	261	8	204
Port Elgin	130	—	32	98	—	40
Port Hope	134	2	33	99	2	44
Port McNicoll	19	—	7	12	—	12
Port Stanley	27	—	5	22	—	8
Powassan	7	—	4	3	—	7
Prescott	76	—	26	50	—	29
Rainy River	14	—	2	12	—	2
Renfrew	218	—	57	161	—	85
Richmond Hill	677	2	213	462	2	306
Ridgetown	42	—	6	36	—	6
Ripley	9	—	1	8	—	1
Rockcliffe Park	41	—	7	34	—	11
Rockland	64	—	12	52	—	23
Rodney	15	—	2	13	—	2
St. Catharines	3,208	8	828	2,372	8	1,076
St. Clair Beach	21	1	7	13	1	13
St. Isidore De Prescott	14	—	2	12	—	3
St. Marys	94	—	20	74	—	37
St. Thomas	495	1	119	375	1	167
Sarnia	1,709	2	367	1,340	2	509
Sault Ste. Marie	1,818	2	1,465	1,351	3	642
Seaforth	50	—	11	39	—	21
Shallow Lake	3	—	2	1	—	2

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Shelburne	36	1	5	30	1	6
Simcoe	368	2	89	277	2	110
Sioux Lookout	58	—	10	48	—	12
Smith Falls	323	—	63	260	—	74
Smooth Rock Falls	32	1	13	18	1	18
Southampton	76	—	16	60	—	25
South River	14	—	5	9	—	7
Springfield	1	—	—	1	—	—
Stayner	50	—	10	40	—	12
Stirling	21	—	4	17	—	7
Stoney Creek	587	6	192	389	8	283
Stratford	630	2	160	468	2	223
Strathroy	133	—	41	92	—	55
Sturgeon Falls	157	1	47	109	1	73
Sturgeon Point	1	—	1	—	—	2
Sudbury	2,784	11	775	1,998	11	1,105
Sundridge	12	—	2	10	—	3
Tara	5	—	1	4	—	1
Tavistock	31	—	5	26	—	7
Tecumseh	86	1	27	58	1	44
Teeswater	2	—	—	2	—	—
Thamesville	25	—	6	19	—	8
Thedford	8	—	2	6	—	2
Thessalon	23	—	7	16	—	8
Thornbury	17	—	3	14	—	4
Thorold	358	4	93	261	5	134
Thunder Bay	3,042	14	836	2,192	14	1,203
Tilbury	90	—	19	71	—	21
Tillsonburg	278	1	56	221	1	77
Timmins	1,005	2	229	774	2	333
Tiverton	19	—	3	16	—	5
Toronto	46,134	66	13,125	32,943	70	17,160
Tottenham	16	—	3	13	—	3
Trenton	359	—	104	255	—	155
Trout Creek	6	—	2	4	—	2
Tweed	24	—	2	22	—	3
Vanier	571	1	106	464	1	119
Vankleek Hill	28	—	4	24	—	4
Vaughan	1,004	10	285	709	10	445
Victoria Harbour	18	—	7	11	—	11
Vienna	7	—	1	6	—	1
Walkerton	87	—	17	70	—	32
Wallaceburg	276	1	71	204	1	93
Wardsville	8	—	4	4	—	6
Wasaga Beach	169	1	50	118	1	73
Waterloo	1,287	2	271	1,014	2	375
Watford	34	—	4	30	—	7
Webbwood	6	—	1	5	—	1

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Welland	1,220	7	293	920	9	412
Wellesley	24	—	7	17	—	9
Wellington	13	—	2	11	—	3
West Lorne	13	—	1	12	—	1
Westport	13	—	2	11	—	2
Wheatley	32	—	6	26	—	7
Whitby	688	3	213	472	3	315
Whitchurch-Stouffville	394	5	133	256	5	208
Wiarton	28	—	6	22	—	7
Winchester	38	—	3	35	—	3
Windsor	4,987	20	1,589	3,378	23	2,190
Wingham	72	—	10	62	—	12
Woodstock	575	2	193	380	2	257
Woodville	6	—	3	3	—	4
Wyoming	13	—	4	9	—	4
Zurich	4	—	2	2	—	2
Total	154,175	456	40,358	113,361	507	55,062

STATISTICS RELATING TO MOTOR VEHICLE ACCIDENTS BY COUNTIES, DISTRICTS AND REGIONAL MUNICIPALITIES – 1976

County, District or Regional Municipality	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Algoma	3,351	24	978	2,349	27	1,449
Brant	2,828	18	654	2,156	20	1,036
Bruce	1,811	18	471	1,322	19	690
Cochrane	2,201	21	578	1,602	31	847
Dufferin	778	15	196	567	21	334
Dundas	433	2	123	308	2	196
Durham	5,863	34	1,640	4,189	46	2,515
Elgin	1,429	19	423	987	28	654
Essex	7,713	49	2,519	5,145	58	3,631
Frontenac	2,758	16	641	2,101	18	937
Glengarry	550	6	156	388	9	216
Grenville	593	11	185	397	11	277
Grey	1,787	16	436	1,335	17	733
Haldimand-Norfolk	2,232	27	617	1,588	32	951
Haliburton	466	5	134	327	5	224
Halton	5,560	32	1,536	3,992	41	2,276
Hamilton-Wentworth	10,716	54	3,360	7,302	62	4,771
Hastings	2,588	17	729	1,842	20	1,093
Huron	1,476	19	390	1,067	22	660
Kenora	1,434	19	379	1,036	22	599
Kent	2,796	24	834	1,938	30	1,192
Lambton	3,614	30	996	2,588	34	1,545
Lanark	1,217	13	328	876	14	472
Leeds	1,461	6	410	1,045	6	610
Lennox & Addington	806	12	227	567	13	348
Manitoulin	265	5	80	180	5	129
Middlesex	8,822	43	2,650	6,129	62	3,818
Muskoka	1,380	16	388	976	21	640
Niagara	9,856	58	2,612	7,186	67	3,730
Nipissing	2,010	17	607	1,386	22	897
Northumberland	1,636	17	477	1,142	18	744
Ottawa-Carleton	15,191	61	3,140	11,990	66	4,192
Oxford	2,273	19	605	1,649	25	892
Parry Sound	996	11	320	665	17	512
Peel	8,591	45	2,188	6,358	60	3,187
Perth	1,669	24	436	1,209	32	684
Peterborough	2,554	22	694	1,838	25	1,042
Prescott	805	7	187	611	9	282
Prince Edward	461	1	129	331	1	203
Rainy River	647	7	172	468	8	246
Renfrew	2,120	16	608	1,496	17	911
Russell	434	3	119	312	3	190
Simcoe	5,914	53	1,680	4,181	65	2,662
Stormont	1,657	18	339	1,300	26	507
Sudbury District	4,710	46	1,451	3,213	49	2,239
Thunder Bay	4,676	43	1,354	3,279	47	2,056
Timiskaming	1,044	8	238	798	12	374
Victoria	1,191	12	384	795	16	596
Waterloo	8,087	36	1,914	6,137	37	2,693
Wellington	2,815	39	664	2,112	45	1,079
York	55,600	131	15,652	39,817	148	20,975
Total	211,865	1,265	58,028	152,572	1,511	83,736

SUMMARY OF MOTOR VEHICLE TRAFFIC ACCIDENT STATISTICS

NUMBER OF ACCIDENTS

ONTARIO 1976

	TOTAL	FATAL	PERSONAL INJURY	PROPERTY DAMAGE ONLY
Accident Involves*				
Single Motor Vehicle . . . or Motor Vehicle And	44,422	376	14,700	29,346
Other Motor Vehicle/s . . .	153,559	567	32,682	120,310
Pedestrian	6,739	228	6,502	9
Cyclist	3,497	46	3,432	19
Railroad Train	321	28	116	177
Street Car	455	2	84	369
Farm Tractor	316	2	76	238
Animal	1,792	1	192	1,599
Other	764	15	244	505
Total	211,865	1,265	58,028	152,572

Month of Occurrence				
January	21,656	63	4,293	17,300
February	16,735	68	3,589	13,078
March	16,483	62	3,686	12,735
April	12,958	78	3,959	8,921
May	15,359	108	4,829	10,422
June	15,926	114	5,520	10,292
July	16,902	141	5,708	11,053
August	16,409	158	5,471	10,780
September	16,931	124	5,258	11,549
October	18,371	109	5,367	12,895
November	18,697	107	4,597	13,993
December	25,438	133	5,751	19,554
Total	211,865	1,265	58,028	152,572

Day of Occurrence				
Sunday	25,110	198	7,572	17,340
Monday	25,406	121	6,750	18,535
Tuesday	26,709	143	7,136	19,430
Wednesday	29,502	148	7,671	21,683
Thursday	31,252	143	8,197	22,912
Friday	38,626	236	10,430	27,960
Saturday	35,260	276	10,272	24,712
Total	211,865	1,265	58,028	152,572

Hour of Occurrence				
12 to 1 A.M.	5,816	62	1,839	3,915
1 to 2 "	7,835	95	2,718	5,022
2 to 3 "	4,385	62	1,440	2,883
3 to 4 "	2,246	28	761	1,457
4 to 5 "	1,323	14	442	867
5 to 6 "	1,149	17	384	748
6 to 7 "	2,966	32	829	2,105
7 to 8 "	7,217	28	1,654	5,535
8 to 9 "	10,639	37	2,540	8,062
9 to 10 "	7,286	18	1,608	5,660
10 to 11 "	7,872	33	1,814	6,025
11 to 12 "	9,586	36	2,361	7,189
12 to 1 P.M.	10,963	37	2,895	8,031
1 to 2 "	11,402	46	2,928	8,428
2 to 3 "	12,068	53	3,067	8,948
3 to 4 "	15,568	64	4,234	11,270
4 to 5 "	19,424	85	5,171	14,168
5 to 6 "	16,296	72	4,472	11,752
6 to 7 "	11,415	66	3,365	7,984
7 to 8 "	11,245	76	3,415	7,754
8 to 9 "	9,764	74	2,929	6,761
9 to 10 "	8,261	62	2,432	5,767
10 to 11 "	7,422	60	2,123	5,239
11 to 12 "	7,403	92	2,336	4,975
Not Known	2,314	16	271	2,027
Total	211,865	1,265	58,028	152,572

Light Conditions				
Daylight	131,163	556	34,911	95,696
Dawn	2,328	18	608	1,702
Dusk	8,067	40	2,193	5,834
Darkness	69,393	645	20,141	48,607
Not Known	914	6	175	733
Total	211,865	1,265	58,028	152,572

Road Surface Condition				
Dry	110,934	859	34,735	75,340
Wet	53,425	258	14,203	38,964
Loose Snow	12,863	42	2,354	10,467
Slush	7,442	28	1,530	5,884
Packed Snow	10,708	31	1,883	8,794
Ice	14,965	38	2,822	12,105
Mud	138	—	43	95
Loose Sand or Gravel	1,390	9	458	923
Total	211,865	1,265	58,028	152,572

Road Condition				
Good	201,828	1,241	55,579	145,008
Under Repair	942	4	281	657
Under Construction	1,745	4	504	1,237
Defective	1,669	6	487	1,176
Other	5,681	10	1,177	4,494
Total	211,865	1,265	58,028	152,572

Road Type				
Asphalt	195,315	1,141	53,449	140,725
Gravel or Crushed Stone	9,948	83	2,865	7,000
Concrete	5,302	35	1,367	3,900
Earth	629	3	157	469
Other	671	3	190	478
Total	211,865	1,265	58,028	152,572

Visibility				
Clear	160,536	1,022	45,646	113,868
Rain	25,641	128	6,923	18,590
Snow or Sleet	22,415	84	4,514	17,817
Fog, Mist, Smoke or Dust	2,636	29	829	1,778
Not Known	637	2	116	519
Total	211,865	1,265	58,028	152,572

Place of Occurrence				
Urban Area	113,199	366	29,243	83,590
Kings Highway (Incl. Sec. Hwy.)	37,193	556	11,449	25,188
Other	61,473	343	17,336	43,794
Total	211,865	1,265	58,028	152,572

Road Location				
Non-Intersection	94,366	848	26,747	66,771
Intersection-Related	26,653	67	6,865	19,721
At Intersection	62,552	216	18,094	44,242
Intersection with Private Drive	24,082	75	5,079	18,928
At Railroad Crossing	861	29	276	556
Underpass or Tunnel	375	2	96	277
Overpass or Bridge	1,927	18	587	1,322
Other	1,049	10	284	755
Total	211,865	1,265	58,028	152,572

*Based on Primary Impact

SUMMARY OF MOTOR VEHICLE TRAFFIC ACCIDENT STATISTICS

NUMBER OF DRIVERS AND PEDESTRIANS

Sex of Driver	IN ALL ACCIDENTS	IN FATAL	IN PERSONAL INJURY	IN PROPERTY DAMAGE ONLY
Male	277,640	1,708	73,746	202,186
Female	72,012	241	20,056	51,715
Total	349,652	1,949	93,802	253,901

ONTARIO 1976

Age of Driver				
Under 16	708	9	243	456
16-19 Years	51,723	334	14,551	36,838
20-24 Years	67,081	418	18,482	48,181
25-34 Years	91,361	473	24,451	66,437
35-44 Years	55,617	253	14,698	40,666
45-54 Years	43,208	206	11,183	31,819
55-64 Years	25,998	146	6,613	19,239
65 & Over	13,526	110	3,465	9,951
Not Known	430	—	116	314
Total	349,652	1,949	93,802	253,901

Licence of Driver				
Licensed	332,578	1,801	88,733	242,044
Unlicensed	6,027	73	2,168	3,786
Not Known	11,047	75	2,901	8,071
Total	349,652	1,949	93,802	253,901

Residence of Driver				
Alberta	414	2	107	305
British Columbia	418	0	115	303
Manitoba	529	6	157	366
New Brunswick	157	1	49	107
Newfoundland	87	—	16	71
Nova Scotia	244	—	66	178
Ontario	338,570	1,873	90,885	245,812
Prince Edward Island	40	—	11	29
Quebec	4,662	26	1,003	3,633
Saskatchewan	168	1	44	123
Yukon and Northwest Territories	22	—	3	19
United States	4,038	40	1,271	2,727
Other Foreign	301	—	75	226
Not Known	2	—	—	2
Total	349,652	1,949	93,802	253,901

Condition of Driver				
Normal	307,248	1,169	78,708	227,371
Had Been Drinking	19,675	229	7,935	11,511
Ability Impaired Alcohol	9,623	283	3,532	5,808
Ability Impaired Drugs	230	1	77	152
Fatigue	878	10	371	497
Medical or Physical Defect	664	6	255	403
Not Known	10,690	249	2,743	7,698
Other	644	2	181	461
Total	349,652	1,949	93,802	253,901

Apparent Driver Action				
Driving Properly	159,378	812	43,577	114,989
Following Too Close	17,865	6	4,685	13,174
Speed Too Fast	28,894	354	9,354	19,186
Improper Turn	13,083	26	2,412	10,645
Disobey Traffic Signal	5,625	19	1,909	3,697
Disobey Stop Sign	4,583	53	1,677	2,853
Fail To Yield Right-Of-Way	37,269	136	8,255	28,878
Improper Passing	4,991	40	1,070	3,881
Lost Control	27,802	159	7,855	19,788
Wrong Way On One-Way Road	326	5	103	218
Not Known	16,741	149	3,818	12,774
Other	33,095	190	9,087	23,818
Total	349,652	1,949	93,802	253,901

Condition of Pedestrian	KILLED	INJURED
Normal	127	5,560
Had Been Drinking	17	468
Ability Impaired Alcohol	33	138
Ability Impaired Drugs	—	13
Fatigue	—	2
Medical or Physical Defect	6	81
Not Known	65	846
Other	3	110
Total	251	7,218

Pedestrian Action		
Crossing Intersection With Right of Way	8	971
Crossing Intersection Without Right of Way	8	461
Crossing Intersection, No Traffic Control	7	196
Crossing Pedestrian Crossover	2	258
Walking on Roadway With Traffic	22	277
Walking on Roadway Against Traffic	13	141
On Sidewalk or Shoulder Coming From Behind	15	499
Parked Vehicle or Object Playing or Working on Highway	16	685
Running into Roadway	8	153
Crossing Through Traffic	48	1,764
Other	51	846
Total	53	967
	251	7,218

SUMMARY OF MOTOR VEHICLE TRAFFIC ACCIDENT STATISTICS

NUMBER OF VICTIMS

ONTARIO 1976

Types of Accident	Age of Persons Killed										Age of Persons Injured									
	Total		0-4		5-14		15-19		20-24		25-34		35-44		45-54		55-64		65 And Over	
	Not Stated		Not Stated		Not Stated		Not Stated		Not Stated		Not Stated		Not Stated		Not Stated		Not Stated		Not Stated	
Single Motor Vehicle	414	2	4	108	112	75	35	34	18	26	—	20,585	255	848	6,015	4,905	1,794	1,325	729	541
Other Motor Veh's	761	14	31	132	125	150	67	85	74	83	—	51,752	1,122	2,821	8,330	9,205	11,407	6,772	5,623	3,465
Pedestrian	230	18	41	26	10	13	10	24	20	67	1	6,844	493	2,466	851	510	638	390	426	407
Cyclist	48	1	26	13	2	—	—	—	3	3	—	3,554	32	1,919	873	340	194	55	45	29
Railroad Train	36	2	—	7	5	10	5	2	4	1	—	200	10	9	24	41	36	24	24	17
Street Car	2	—	—	—	1	—	—	—	1	—	—	120	—	1	7	19	40	20	15	9
Farm Tractor	2	—	—	1	—	—	—	—	—	—	—	111	—	10	26	15	27	16	5	9
Animal	1	—	—	—	—	—	—	—	—	—	—	251	5	7	61	51	25	22	23	4
Other	17	—	—	7	3	2	2	1	1	1	—	319	7	24	90	53	65	28	27	11
Total	1,511	37	102	294	258	251	119	146	121	182	1	83,736	1,924	8,105	16,277	15,139	16,497	9,124	7,512	4,699

Victim	Victims, By Class and Age Group — Killed										Victims, By Class and Age Group — Injured									
	Total		0-4		5-14		15-19		20-24		25-34		35-44		45-54		55-64		65 And Over	
	Not Stated		Not Stated		Not Stated		Not Stated		Not Stated		Not Stated		Not Stated		Not Stated		Not Stated		Not Stated	
Driver	653	—	2	95	124	162	66	83	67	54	—	39,859	8	93	6,132	8,151	10,590	6,080	4,604	2,655
Passenger	461	18	31	121	78	63	37	35	26	52	—	29,553	1,379	3,467	6,907	4,873	4,455	2,463	2,329	1,565
Pedestrian	251	18	42	29	13	14	15	25	23	71	1	7,218	503	2,554	884	533	699	432	490	590
Bicyclist	48	1	26	13	2	—	—	—	3	3	—	3,452	30	1,893	842	321	184	54	42	25
Motorcycle Driver	78	—	—	26	38	10	—	2	2	—	—	2,818	1	47	1,112	1,050	479	69	29	16
Motorcycle Passenger	10	—	1	6	1	1	—	1	—	—	—	648	1	34	343	187	50	15	1	—
Other	10	—	—	4	2	1	1	—	—	2	—	188	2	17	57	24	40	11	17	9
Total	1,511	37	102	294	258	251	119	146	121	182	1	83,736	1,924	8,105	16,277	15,139	16,497	9,124	7,512	4,699

	Victims, By Age Group and Sex — Killed										Victims, By Age Group and Sex — Injured									
	Total		0-4		5-14		15-19		20-24		25-34		35-44		45-54		55-64		65 And Over	
	Not Stated		Not Stated		Not Stated		Not Stated		Not Stated		Not Stated		Not Stated		Not Stated		Not Stated		Not Stated	
Male	1,104	20	65	222	216	197	88	102	77	116	1	50,535	1,058	4,745	10,622	10,051	10,064	5,241	4,114	2,459
Female	407	17	37	72	42	54	31	44	44	66	—	33,201	866	3,360	5,655	5,088	6,433	3,883	3,398	2,240
Total	1,511	37	102	294	258	251	119	146	121	182	1	83,736	1,924	8,105	16,277	15,139	16,497	9,124	7,512	4,699

	Victims By Road Jurisdiction										Victims, By Month of Occurrence									
	Total		Killed		Injured		Killed		Injured		Month		Killed		Injured		Killed		Injured	
	Not Stated		Not Stated		Not Stated		Not Stated		Not Stated		Not Stated		Not Stated		Not Stated		Not Stated		Not Stated	
Municipal (Excl. Tp. Rd.)	385	38,740	704	19,151	136	5,248	156	4,439	109	15,261	17	550	4	347	1,511	83,736	1,511	83,736	1,511	83,736
Provincial Highway	136	5,248	156	4,439	109	15,261	17	550	4	347	1,511	83,736	1,511	83,736	1,511	83,736	1,511	83,736	1,511	83,736
Township	136	5,248	156	4,439	109	15,261	17	550	4	347	1,511	83,736	1,511	83,736	1,511	83,736	1,511	83,736	1,511	83,736
County or District	136	5,248	156	4,439	109	15,261	17	550	4	347	1,511	83,736	1,511	83,736	1,511	83,736	1,511	83,736	1,511	83,736
Regional Mun.	136	5,248	156	4,439	109	15,261	17	550	4	347	1,511	83,736	1,511	83,736	1,511	83,736	1,511	83,736	1,511	83,736
Assumed Highway	136	5,248	156	4,439	109	15,261	17	550	4	347	1,511	83,736	1,511	83,736	1,511	83,736	1,511	83,736	1,511	83,736
Other	136	5,248	156	4,439	109	15,261	17	550	4	347	1,511	83,736	1,511	83,736	1,511	83,736	1,511	83,736	1,511	83,736
Total	1,511	83,736	1,511	83,736	1,511	83,736	1,511	83,736	1,511	83,736	1,511	83,736	1,511	83,736	1,511	83,736	1,511	83,736	1,511	83,736

SUMMARY OF MOTOR VEHICLE TRAFFIC ACCIDENT STATISTICS

NUMBER OF VEHICLES

ONTARIO 1976

Type of Vehicle	IN ALL ACCIDENTS	IN FATAL	PERSONAL INJURY	PROPERTY DAMAGE
Passenger Car	315,380	1,449	79,873	234,058
Passenger Car & Trailer	1,236	8	285	943
Truck	45,384	309	10,665	34,410
Truck & Trailer	2,482	19	541	1,922
Tractor & Semi-Trailer	4,610	85	1,097	3,428
Motorcycle	4,369	98	3,638	633
Bus	3,270	18	883	2,369
School Bus	925	4	213	708
Other - Or Not Known	5,877	97	4,091	1,689
Non Motor Vehicle	5,356	9	473	4,874
Total	388,889	2,096	101,759	285,034

Condition of Vehicle				
No Apparent Defect	358,726	1,742	94,589	262,395
Service Brakes Defective	1,892	12	619	1,261
Steering Defective	430	1	167	262
Tire Puncture or Blow Out	1,216	9	434	773
Tire Tread Insufficient	1,100	41	386	673
Headlamps Defective	151	6	69	76
Other Lamps or Reflectors Defective	615	5	148	462
Engine Controls Defective	538	3	148	387
Wheels or Suspension Defective	381	5	109	267
Vision Obscured	289	3	66	220
Other Defects	2,513	28	623	1,862
Not Known	21,038	241	4,401	16,396
Total	388,889	2,096	101,759	285,034

Model Year of Vehicle				
1977	1,756	5	403	1,348
1976	38,503	200	10,119	28,184
1975	45,212	245	11,928	33,039
1974	47,414	275	12,435	34,704
1973	46,594	265	11,944	34,385
1972	38,622	194	9,913	28,515
1971	30,309	154	7,622	22,533
1970 & Earlier	123,994	684	32,353	90,957
Not Known	16,485	74	5,042	11,369
Total	388,889	2,096	101,759	285,034

Vehicle Maneuver	IN ALL ACCIDENTS	IN FATAL	PERSONAL INJURY	PROPERTY DAMAGE
Going Ahead	230,801	1,719	68,392	160,690
Overtaking	8,858	92	2,219	6,547
Turning Left	39,057	88	9,439	29,530
Turning Right	13,547	8	2,438	11,101
Making "U" Turn	1,134	2	276	856
Changing Lanes	9,476	17	1,484	7,975
Merging	1,386	4	258	1,124
Reversing	11,026	8	888	10,130
Stopped or Parked	58,856	90	13,805	44,961
Pulling Away From Shoulder or Curb	2,559	6	374	2,179
Pulling Onto Shoulder or Into Curb	1,123	1	247	875
Not Known or Other	11,066	61	1,939	9,066
Total	388,889	2,096	101,759	285,034

Insurance				
Insured	345,026	1,819	88,207	255,000
Not Insured	21,270	190	7,838	13,242
Not Known	22,593	87	5,714	16,792
Total	388,889	2,096	101,759	285,034

AMOUNT OF PROPERTY DAMAGE
\$230,489,499

WE WANT TO HEAR FROM YOU

We want to know if the contents of this booklet fulfill your requirements. Please answer the questions on the pre-addressed card. Your reply will help us to provide you with the type of statistics you require.

Type of Organization

Are you a private citizen ☐
or part of an organization? ☐

Government ☐
Police ☐

Education ☐
Business ☐

Insurance ☐
Other ☐

What other kinds of statistics would you like to have?

What would you use them for?

Any other comments, suggestions or questions about the contents of this booklet?

Ministry of Transportation and Communications
Licensing and Control Branch
Driver Licensing Section
Collision and Licensing Records
Ferguson Block, 5th Floor
Toronto, Ontario
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MOTOR VEHICLE ACCIDENT FACTS

1977

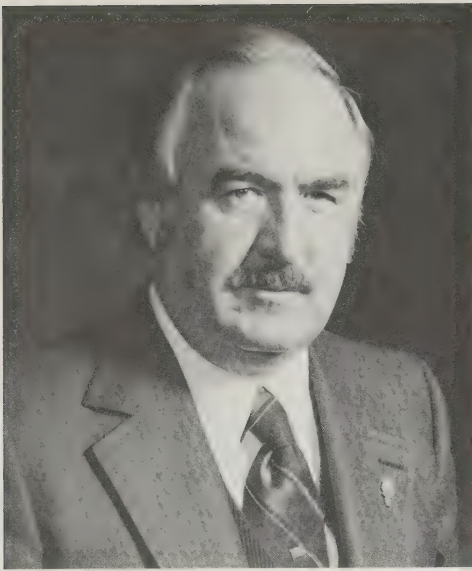


MOTOR VEHICLE ACCIDENT FACTS - 1977



Ministry of
Transportation and
Communications

Collision and Licensing Records
Licensing and Control Branch
Drivers and Vehicles



I am pleased to report that this year's traffic-related deaths on Ontario's roads dropped to the lowest level since 1962.

Once again, I think much of the credit goes to the seat belt law. Since its introduction in January 1976, there have been 313 fewer driver and passenger deaths.

Our 1977 statistics show that 346 out of 43,406 drivers who were not wearing seat belts were killed in motor vehicle accidents.

In comparison, only 114 drivers were killed in motor vehicle accidents out of a total of 286,874 who wore seat belts. And 88.6 percent of these drivers who wore seat belts escaped injuries.

However, I am equally displeased to report that the number of accidents rose 3.2 per cent in 1977, even though the accident rate per million kilometres travelled remained the same as in 1976.

As a result, the number of persons injured increased 14.2 per cent. That's just too many people getting hurt, although it's the second lowest injury total since 1972.

I am also deeply concerned with the 14.1 per cent upsurge in motorcycle-driver deaths in 1977.

Statistically, the number of motorcycle passengers killed increased 60 per cent while driver injuries rose 27.4 per cent and passenger injuries rose 25.6.

I had hoped to decrease these figures by enforcing the use of front and rear lights whenever driving a motorcycle.

Yet, safety regulations and enforcement can only do so much. The rest is up to the motoring public.

James Snow,
Minister of
Transportation and Communications

MOTOR VEHICLE ACCIDENTS FACTS - 1977

The statistical information on the following pages relates to motor vehicle accidents reported to the Ontario Ministry of Transportation and Communications during the calendar year 1977 which resulted in death or injury to persons, or in property damage in excess of \$200.

The report is divided into three major sections dealing with:

- A. A summary of the property damages, injuries and deaths arising from motor vehicle accidents in Ontario in 1977.
- B. A description of trends in motor vehicle accidents and in death and injury rates over the period 1968-1977.
- C. Selected characteristics of motor vehicle accidents.

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SUMMARY:

During 1977, there were 218,567 reported motor vehicle accidents, an increase of 3.2% over 1976. This year, there were decreases of 4.1% in fatal accidents and 6.0% in persons killed. Accidents involving personal injuries increased 9.9% and persons injured increased 14.2%. Property damage only accidents were up slightly, 0.6% from the previous year.

Drivers and passengers killed (excluding motorcycle, moped drivers and passengers) decreased 6.0% and 14.8%. Driver and passenger injuries increased 15.1% and 17.9% respectively.

Motorcycle drivers killed and injured increased 14.1% and 27.4%. Sixteen motorcycle passengers were killed — four more than in 1976 and motorcycle passenger injuries increased 25.6%. Bicyclists killed were shown to be the same as last year's -- 48, although there were 195 (5.6%) fewer bicyclists injured.

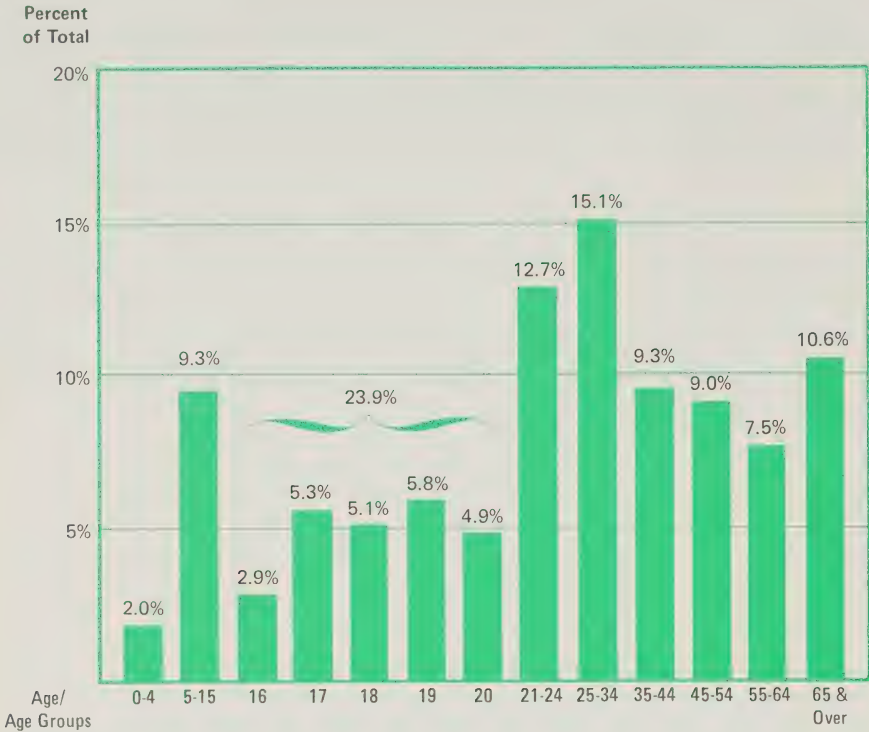
COMPARATIVE STATISTICS 1976-1977

	1976	1977	% of Change
Total Reportable Motor Vehicle Accidents	211,865	218,567	+ 3.2
Fatal Accidents	1,265	1,213	- 4.1
Personal Injury Accidents	58,028	63,787	+ 9.9
Property Damage Only Accidents	152,572	153,567	+ 0.6
Persons Killed	1,511	1,420	- 6.0
Persons Injured	83,736	95,664	+ 14.2
Vehicle Accident Rate per Million Kilometres Travelled*	3.3	3.3	—
Fatal Accident Rate per 100 Million Kilometres Travelled*	1.9	1.8	- 5.3
Death Rate per 100 Million Kilometres Travelled*	2.3	2.1	- 8.7
Motor Vehicles Registered	4,089,954*	4,274,410*	+ 4.5
Millions of Vehicle Kilometres Travelled	64,919**	66,400**	+ 2.3
Ontario Population	8,265,000*	8,373,000*	+ 0.5
Drivers Licensed	4,315,925	4,562,903	+ 5.7
Amount of Property Damage	\$ 230,490,000*	\$ 258,950,000	+ 12.3

*Estimated

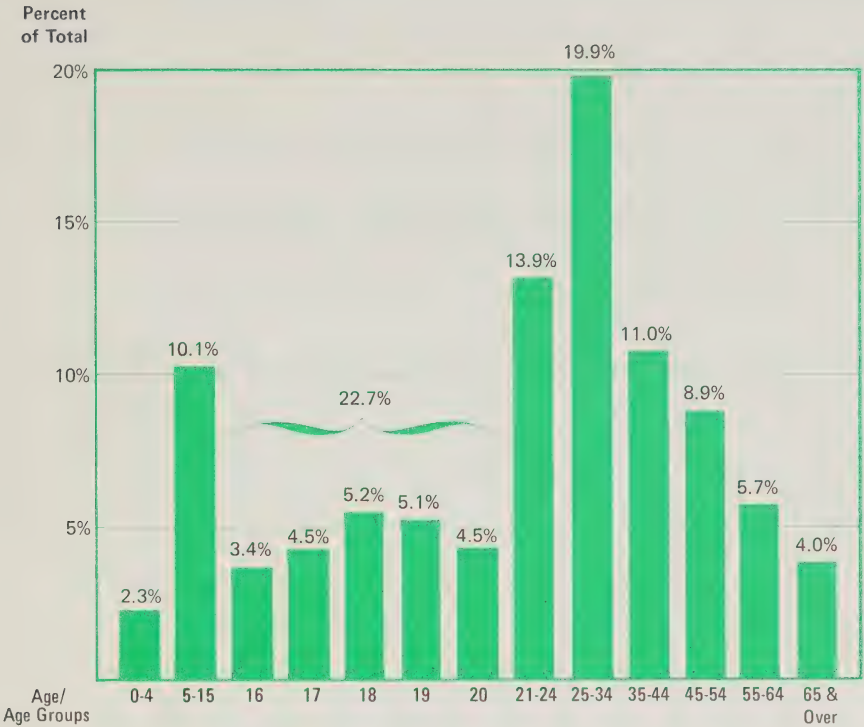
**Kilometres travelled estimated on the basis of 22.08 kilometres per gallon of taxed gasoline and motor fuel.

CLASS OF VICTIMS, BY AGE / AGE GROUPS – KILLED – 1977



Victim	Total	Class of Victims, By Age/Age Groups – Killed													
		0-4	5-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65 & Over	Not Stated
Driver	609	—	1	16	26	24	36	29	90	128	72	76	57	54	—
Passenger	393	13	46	16	37	24	26	25	46	49	32	24	28	27	—
Pedestrian	252	15	51	4	7	7	8	2	12	12	22	26	20	63	3
Bicyclist	48	—	29	—	2	1	1	1	1	1	2	—	1	4	5
Moped Driver	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Moped Passenger	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Motorcycle Driver	88	—	3	3	3	10	8	12	26	19	4	—	—	—	—
Motorcycle Passenger	17	—	1	2	—	4	2	—	4	3	—	1	—	—	—
Other	13	—	1	—	—	2	1	1	1	3	—	1	1	2	—
Total	1,420	28	132	41	75	72	82	70	180	215	132	128	107	150	8

CLASS OF VICTIMS, BY AGE / AGE GROUPS – INJURED – 1977



Victim	Total	Class of Victims, By Age/Age Groups – Injured													
		0-4	5-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65 & Over	Not Stated
Driver	45,620	2	112	862	1,654	2,205	2,351	2,095	7,134	12,227	7,009	5,221	3,037	1,625	86
Passenger	34,854	1,718	5,239	1,723	1,938	2,017	1,805	1,517	4,341	5,120	2,860	2,615	1,989	1,581	391
Pedestrian	6,998	486	2,515	200	178	139	153	146	455	734	420	496	410	544	122
Bicyclist	3,283	26	1,592	159	135	89	73	73	214	171	48	48	17	24	614
Moped Driver	153	—	5	15	15	8	10	8	11	34	14	18	8	7	—
Moped Passenger	8	—	4	1	1	—	—	—	—	2	—	—	—	—	—
Motorcycle Driver	3,594	1	69	213	284	417	380	382	981	648	123	63	17	4	12
Motorcycle Passenger	807	3	83	86	106	92	111	85	151	69	7	7	—	1	6
Other	347	6	85	22	18	20	8	18	32	43	25	24	19	7	20
Total	95,664	2,242	9,704	3,281	4,329	4,987	4,891	4,324	13,319	19,048	10,506	8,492	5,497	3,793	1,251

SUMMARY OF TRENDS IN MOTOR VEHICLE ACCIDENTS AND IN DEATH AND INJURY RATES OVER THE PERIOD 1968 - 1977

SUMMARY:

Between 1968 and the end of 1977, Ontario's population and the number of licensed drivers, motor vehicle registrations and motor vehicle accidents (with the exception of the year 1976) were all on the rise. During the past ten years, traffic deaths reached a high of 1,959 in 1973 and this year's total of 1,420 is not only the lowest during this period but since the year 1962 when 1,383 persons were killed. The population grew from 7.26 million to 8.37 million. The 1977 death rate of 17.0 per 100,000 population is also the lowest since the year 1946 at which time the population was 4.09 million and the death rate was 16.8.

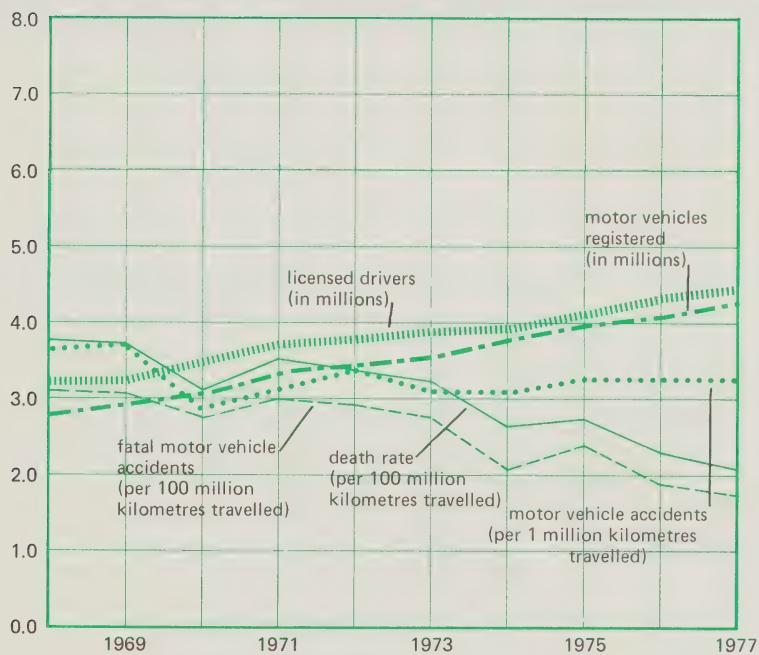
There was a considerable increase (11,928) in the number of people injured during 1977, from 83,736 to 95,664. Although the 1977 injury rate per 100,000 population increased to 1,142.5 from 1,013.1 in 1976, it is the second lowest injury rate since 1971.

This year, the number of motor vehicle accidents reported totalled 218,567, an increase of 3.2% over 1976. However, there were decreases of 4.1% in fatal accidents and 6.0% in persons killed while the personal injury accidents and persons injured increased 9.9% and 14.2% respectively.

The motor vehicle accident rate per one million kilometres travelled remained the same as last year's -- 3.3. The death rate and fatal accident rate per 100 million kilometres travelled continued their downward trend to 2.1 and 1.8 and these are the lowest rates on record since 1955.

The number of kilometres driven in 1977 was estimated at 66,400,445,000 an increase of 2.3% over the 1976 figure.

**TRENDS IN MOTOR VEHICLE REGISTRATIONS, LICENSED DRIVERS, MOTOR
VEHICLE ACCIDENT RATES, DEATH RATES, FATAL ACCIDENT RATES
1968 - 1977**



FATAL ACCIDENTS AND PERSONS KILLED

1968 - 1977



FATAL MOTOR VEHICLE ACCIDENT VICTIMS IN ONTARIO BY CLASS OF ROAD USER – ALL AGES

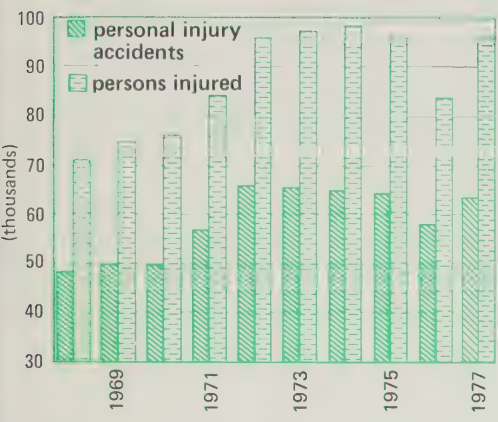
Year	Ontario Population (Est.)	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/ 100,000**	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000
1968	7,262,000	643	13.0	501	6.9	336	4.6	106	1.4	1,586	21.8
1969	7,385,000	707	13.9	537	7.3	346	4.7	93	1.2	1,683	22.8
1970	7,551,000	633	12.1	445	5.9	365	4.8	92	1.2	1,535	20.3
1971	7,703,000	740	13.8	557	7.2	357	4.6	115	1.5	1,769	23.0
1972	7,834,000	827	15.1	581	7.4	383	4.9	143	1.8	1,934	24.7
1973	7,939,000	830	14.8	584	7.4	346	4.4	167	2.1	1,959	24.7
1974	8,094,000	778	13.4	526	6.5	305	3.8	139	1.7	1,748	21.6
1975	8,226,000	774	13.0	556	6.8	294	3.6	176	2.1	1,800	21.9
1976	8,265,000	648	10.8	471	5.7	251	3.0	141	1.7	1,511	18.3
1977	8,373,000	609	10.1	410	4.9	251	3.0	149	1.8	1,420	17.0

*Includes motorcycle passengers.

**Rate per 100,000 population 16 years of age and over.

The estimated population totals have been revised and the necessary adjustments have been made in the tables showing rates.

PERSONAL INJURY ACCIDENTS AND PERSONS INJURED 1968 - 1977



NON-FATAL MOTOR VEHICLE ACCIDENT VICTIMS IN ONTARIO BY CLASS OF ROAD USER – ALL AGES

Year	Ontario Population (Est.)	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/ 100,000**	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000
1968	7,262,000	30,968	627.6	28,952	398.7	7,302	100.6	4,298	59.2	71,520	984.8
1969	7,385,000	32,928	648.0	30,199	408.9	7,610	103.0	4,165	56.4	74,902	1,014.2
1970	7,551,000	33,007	628.1	30,145	399.9	7,538	99.8	4,436	58.7	75,126	994.9
1971	7,703,000	37,936	709.6	34,116	442.9	7,508	97.5	5,090	66.1	84,650	1,098.9
1972	7,834,000	43,910	801.5	37,606	480.0	7,941	101.4	5,724	73.1	95,181	1,215.0
1973	7,939,000	46,414	826.8	37,716	475.1	7,603	95.8	6,057	76.3	97,790	1,231.8
1974	8,094,000	46,621	806.1	37,728	466.1	7,444	92.0	6,880	85.0	98,673	1,219.1
1975	8,226,000	45,847	772.7	36,337	441.7	7,299	88.7	7,551	91.8	97,034	1,179.6
1976	8,265,000	39,631	659.8	30,201	365.4	7,218	87.3	6,686	80.9	83,736	1,013.1
1977	8,373,000	45,620	756.7	35,661	425.9	6,998	83.6	7,385	88.2	95,664	1,142.5

*Includes motorcycle passengers.

**Rate per 100,000 population 16 years of age and over.

The estimated population totals have been revised and the necessary adjustments have been made in the tables showing rates.

MOTOR VEHICLE ACCIDENTS INVOLVING SCHOOL VEHICLES – SCHOOL YEARS 1967-68 – 1976-77

School Year	Pupils Transported Daily	Total Number of Accidents (1)	PUPIL FATALITIES/PERSONAL INJURIES				Injury Rate Per 100,000 Pupils	
			Crossing Road (2)	Within School Vehicle	Other	Total	Fatal	Non-Fatal
1967-68	414,216	498	2/18	0/89	1/12	3/119	0.7	29
1968-69	447,638	559	3/10	2/152	2/17	7/179	1.6	40
1969-70	478,224	383	4/12	2/109	1/5	7/126	1.5	26
1970-71	523,284	490	0/21	1/151	2/36*	3/208	0.6	40
1971-72	545,046	508	0/9	1/153	1/19	2/181	0.4	33
1972-73	558,549	542	0/9	0/233**	3‡/18	3/260	0.6	47
1973-74	592,026	575	1/6	0/364***	0/17	1/387	0.2	65
1974-75	578,817	622	4/19	2/205	0/28	6/252	1.1	45
1975-76	594,410	727	2/14	2/155	1/24	5/193	0.8	32
1976-77	600,082	793	0/10	0/247‡‡	1/10	1/267	0.2	44

MOTOR VEHICLE ACCIDENT STATISTICS INVOLVING SCHOOL VEHICLES – SCHOOL YEARS 1975-76 – 1976-77

Type Of School Vehicle	Nature of Accident				Total Number of Accidents (1)	PUPIL FATALITIES/PERSONAL INJURIES						Total Fatalities/ Injuries
						Crossing Road (2)		Within School Vehicle		Other		
	Fatal	Pupil Injury	Non-Pupil Injury	Property Damage		Fatal-ities	Personal Injuries	Fatal-ities	Personal Injuries	Fatal-ities	Personal Injuries	
1975-76												
School Bus	4	96	67	479	646	2	13	—	145	1	17	3/175
Van	1	4	6	28	39	—	1	2	3	—	2	2/6
Station Wagon	—	4	—	7	11	—	—	—	7	—	3	10
Other Buses	—	2	6	23	31	—	—	—	—	—	2	2
Total	5	106	79	537	727	2	14	2	155	1	24	5/193
1976-77												
School Bus	—	75	133	517	725	—	10	—	231††	—	10	251
Van	1	8	11	32	52	—	—	—	11	1	—	1/11
Station Wagon	—	4	—	7	11	—	—	—	5	—	—	5
Other Buses	—	—	—	5	5	—	—	—	—	—	—	—
Total	1	87	144	561	793	—	10	—	247	1	10	1/267

(1) Accidents involving a school vehicle directly or indirectly while transporting pupils to or from school.

(2) Pupil struck by approaching vehicle (excluding school vehicle) while waiting to board school vehicle, crossing road to board or after leaving school vehicle.

* Includes one accident resulting in fifteen pupil injuries.

** Includes 3 separate accidents resulting in a total of fifty-six pupil injuries (27, 17, 12).

*** Includes 6 separate accidents resulting in a total of 195 pupil injuries (46, 39, 35, 32, 25, 18).

‡ Includes one school age pedestrian who ran across a street into the path of an oncoming bus; two pupils, after being discharged were fatally injured by school buses while attempting to cross the streets in front of the buses.

‡‡ Includes 7 separate accidents resulting in a total of 124 pupil injuries (48, 19, 13, 13, 11, 10, 10).

MOTORCYCLE ACCIDENT STATISTICS

During 1977, the number of motorcycle drivers and passengers killed increased 14.1% and 60.0% respectively. Also, there were increases in the number of motorcyclist injuries, 27.4% more driver injuries and 25.6% more passenger injuries.

The motorcycle driver fatality rate per 100,000 drivers decreased from 42.8 in 1976 to 42.7 in 1977. The motorcycle driver injury rate per 100,000 drivers increased from 1,546.7 in 1976 to 1744.7 this year.

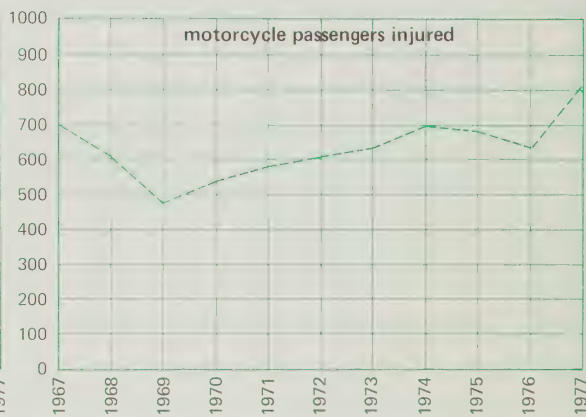
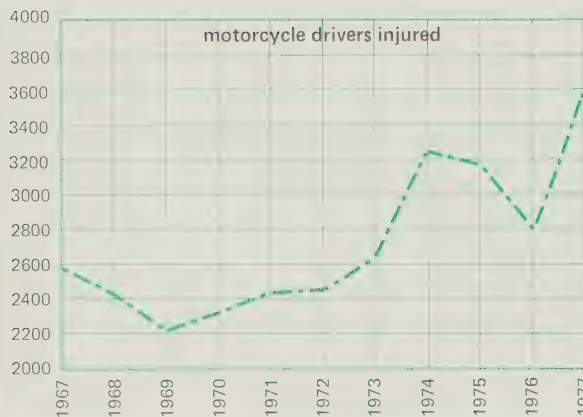
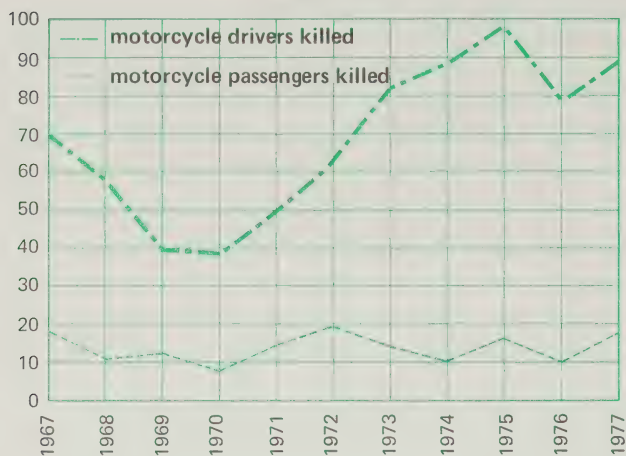
The number of licensed drivers authorized to operate motorcycles increased 13.3% from 182,194 in 1976 to 206,415 in 1977. Motorcycle registrations were up an estimated 10% from 78,284 in 1976 to 86,875 this year.

MOTORCYCLE REGISTRATIONS AND LICENSED MOTORCYCLISTS 1967 - 1977



MOTORCYCLISTS KILLED AND INJURED

1967 - 1977



MOTORCYCLISTS KILLED AND INJURED

Year								
	Drivers		% Change Re: 1967		Passengers		% Change Re: 1967	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
1967	66	2,595	—	—	15	713	—	—
1968*	55	2,448	-16.7	- 5.7	10	637	-33.3	-10.7
1969	40	2,228	-39.4	-14.1	11	469	-26.7	-34.2
1970	39	2,348	-40.9	- 9.5	8	530	-46.7	-25.7
1971	51	2,418	-22.7	- 6.8	15	597	—	-16.3
1972	66	2,424	—	- 6.6	17	605	+13.3	-15.2
1973	84	2,623	+27.3	+ 1.1	16	623	+ 6.7	-12.6
1974	86	3,260	+30.3	+25.6	13	708	-13.3	- 0.7
1975	97	3,181	+47.0	+22.6	16	679	+ 6.7	- 4.8
1976	78	2,818	+18.2	+ 8.6	10	648	-33.3	- 9.1
1977	88	3,594	+33.3	+38.5	17	807	+13.3	+13.2

* Amendments to the Highway Traffic Act in 1968 required motorcyclists to wear approved safety helmets.

MOTOR VEHICLE ACCIDENTS BY PLACE OF OCCURRENCE

1968 - 1977

FATAL ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1968	389	111	535	311	1,346
1969	425	106	530	349	1,410
1970	400	119	486	295	1,300
1971	458	128	534	378	1,498
1972	473	105	673	369	1,620
1973	404	132	606	483	1,625
1974	385	118	565	402	1,470
1975	487	143	537	353	1,520
1976	366	89	467	343	1,265
1977	389	70	415	339	1,213

PERSONAL INJURY ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1968	30,784	2,438	7,342	7,155	47,719
1969	32,297	2,059	8,217	7,563	50,136
1970	32,230	2,899	7,677	7,566	50,372
1971	34,794	1,846	10,421	9,056	56,117
1972	39,685	3,861	10,137	9,858	63,541
1973	37,067	3,780	10,351	14,137	65,335
1974	33,573	3,780	10,097	18,902	66,352
1975	32,923	3,955	10,085	18,848	65,811
1976	29,243	3,037	8,412	17,336	58,028
1977	34,540	3,652	9,364	16,231	63,787

ALL MOTOR VEHICLE ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1968	100,611	8,087	25,236	21,193	155,127
1969	110,933	9,192	25,888	23,382	169,395
1970	92,091	8,394	21,890	19,234	141,609**
1971	100,479	9,070	24,222	25,060	158,831
1972	123,366	8,786	29,713	27,629	189,494
1973	114,170	11,333	26,882	40,636	193,021
1974	108,552	11,562	27,495	56,662	204,271
1975	112,358	12,693	28,465	60,173	213,689
1976	113,199	11,165	26,028	61,473	211,865
1977	127,764	12,470	26,570	51,763	218,567

* Includes Secondary Highways.

** Minimum reportable property damage amount changed from over \$100 to over \$200 on January 1, 1970.

MOTOR VEHICLE ACCIDENTS BY TYPE (BASED ON INITIAL IMPACT)

1968 - 1977

FATAL ACCIDENTS INVOLVING

Year	Single Motor Vehicle	Motor Vehicle And								Total
		Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor ⁺	Animal	Other [‡]	
1968	394	542	317	45	34	1	—	4	9	1,346
1969	423	563	327	40	42	2	—	—	13	1,410
1970	344	525	336	41	32	—	1	6	15	1,300
1971	442	611	335	51	34	—	1	7	17	1,498
1972	444	666	364	65	43	—	4	5	29	1,620
1973	488	676	321	69	42	1	8	3	17	1,625
1974	457	630	288	45	34	—	3	4	9	1,470
1975	480	651	273	64*	22	2	6	7	15	1,520
1976	376	567	228	46	28	2	2	1	15	1,265
1977	379	512	235	47	22	—	6	2	10	1,213

PERSONAL INJURY ACCIDENTS INVOLVING

Year	Single Motor Vehicle	Motor Vehicle And								Total
		Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor ⁺	Animal	Other [‡]	
1968	11,388	27,240	6,689	1,682	137	132	—	179	272	47,719
1969	11,803	28,838	6,951	1,759	143	119	—	196	327	50,136
1970	11,463	29,265	6,891	1,869	136	102	59	223	364	50,372
1971	13,163	32,407	6,699	2,472	142	92	77	230	835	56,117
1972	15,203	36,822	7,060	3,120	141	80	101	233	781	63,541
1973	16,733	37,564	6,827	3,329	131	89	90	237	335	65,335
1974	17,515	37,831	6,680	3,446	137	118	83	253	289	66,352
1975	17,274	36,914	6,570	4,218*	125	131	101	265	213	65,811
1976	14,700	32,682	6,502	3,432	116	84	76	192	244	58,028
1977	16,155	37,530	6,243	3,182	98	108	82	211	178	63,787

ALL MOTOR VEHICLE ACCIDENTS INVOLVING

Year	Single Motor Vehicle	Motor Vehicle And								Total
		Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor ⁺	Animal	Other [‡]	
1968	32,941	109,591	7,006	1,741	401	468	—	1,510	1,469	155,127
1969	34,409	121,865	7,278	1,815	374	434	—	1,658	1,562	169,395
1970	28,511	101,011	7,227	1,918	320	275	145	1,317	885	141,609
1971	32,167	112,671	7,037	2,541	366	298	219	1,402	2,130	158,831
1972	39,033	135,500	7,438	3,217	390	287	250	1,397	1,982	189,494
1973	41,965	137,039	7,161	3,412	322	353	254	1,554	961	193,021
1974	45,720	144,447	6,977	3,508	366	412	224	1,892	725	204,271
1975	48,283	150,252	6,860	4,328*	328	536	306	2,159	637	213,689
1976	44,422	153,559	6,739	3,497	321	455	316	1,792	764	211,865
1977	44,457	160,866	6,482	3,271	275	462	294	1,879	581	218,567

* Includes Moped Driver.

+ Included with Other 1968-1969.

‡ Includes Horse Drawn Vehicles.

SELECTED CHARACTERISTICS OF MOTOR VEHICLE ACCIDENTS

SUMMARY: The following tables present motor vehicle accident information in relation to selected driver, vehicle, pedestrian and road characteristics. Listings of accidents by various geographic areas of the province are included.

CONDITION OF DRIVER								
Condition	All Accidents				Fatal Accidents			
	1976	%	1977	%	1976	%	1977	%
Apparently Normal	307,248	87.9	321,136	83.9	1,169	60.0	1,047	54.5
Ability Impaired By Alcohol	9,623	2.8	10,165	2.7	283	14.5	301	15.7
Had Been Drinking	19,675	5.6	20,609	5.4	229	11.7	234	12.2
Other	2,416	0.7	2,744	0.7	19	1.0	23	1.2
Not Known	10,690	3.0	28,078	7.3	249	12.8	317	16.5
Total	349,652	100.0	382,732	100.0	1,949	100.0	1,922	100.0

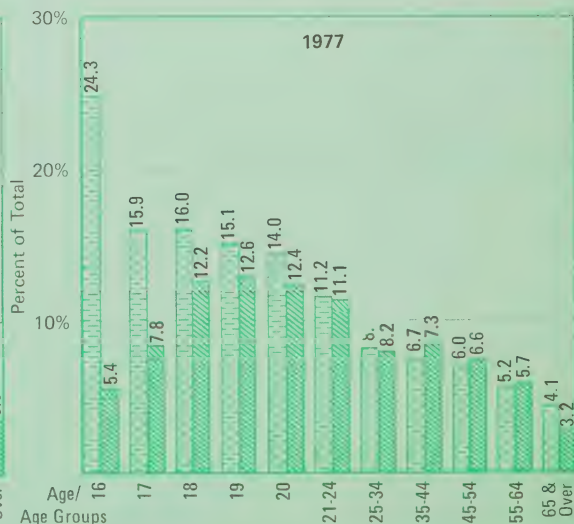
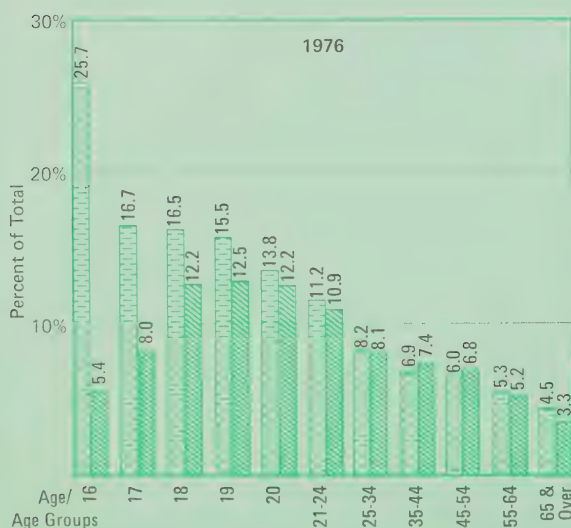
RECORDED OCCURRENCE OF ALCOHOL IN DRIVERS KILLED				
Recorded Occurrence	Number of Drivers*			
	1976	%	1977	%
Apparently Normal	260	45.8	230	42.4
Ability Impaired By Alcohol	224	39.4	244	44.9
Had Been Drinking	84	14.8	69	12.7
Total	568	100.0	543	100.0

* Excludes cases where alcohol usage information was not provided.

LICENSED DRIVERS AS COMPARED WITH DRIVERS INVOLVED IN MOTOR VEHICLE ACCIDENTS – BY AGE / AGE GROUPS 1976 - 1977

Drivers Age/ Age Groups	DRIVERS				% Of Drivers Of Each Age/Age Groups Involved In Accidents	
	Licensed		Involved In Accidents			
	1976	1977	1976	1977	1976	1977
Under 16	—	—	708	2,405	—	—
16	27,139	28,941	6,976	7,023	25.7	24.3
17	75,653	81,036	12,608	12,873	16.7	15.9
18	95,005	103,012	15,684	16,497	16.5	16.0
19	105,900	114,032	16,455	17,209	15.5	15.1
20	110,518	116,970	15,291	16,334	13.8	14.0
21 - 24	461,520	487,852	51,790	54,731	11.2	11.2
25 - 34	1,120,151	1,188,170	91,361	96,550	8.2	8.1
35 - 44	808,893	846,727	55,617	57,067	6.9	6.7
45 - 54	717,552	739,247	43,208	44,004	6.0	6.0
55 - 64	490,718	517,903	25,998	26,729	5.3	5.2
65 & Over	302,876	339,013	13,526	14,029	4.5	4.1
Not Known	—	—	430	17,281	—	—
Total	4,315,925	4,562,903	349,652	382,732		

- Percentage of Licenced Drivers of Each Age/Age Groups Involved in Motor Vehicle Accidents
- Percentage of Drivers of Each Age/Age Groups Involved in Motor Vehicle Accidents Who Had Been Drinking or Their Ability To Drive was Impaired by Alcohol



DRIVER CONDITION BY AGE/AGE GROUPS AND APPARENT DRIVER ACTION IN ALL MOTOR VEHICLE ACCIDENTS 1976 - 1977

DRIVER CONDITION BY AGE/AGE GROUPS IN ALL MOTOR VEHICLE ACCIDENTS 1976-1977

Age Group	Normal		Ability Impaired-Alcohol		Had Been Drinking		Other		Not Known		Total	
	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977
Under 16	541	2,139	19	17	54	46	18	39	76	164	708	2,405
16	6,269	6,331	87	69	294	309	55	45	271	269	6,976	7,023
17	11,035	11,276	204	234	805	773	88	97	476	493	12,608	12,873
18	13,110	13,707	401	425	1,519	1,587	115	142	539	636	15,684	16,497
19	13,717	14,280	475	505	1,583	1,670	125	152	555	602	16,455	17,209
20	12,778	13,608	495	524	1,367	1,507	107	147	544	548	15,291	16,334
21 - 24	44,137	46,352	1,528	1,722	4,122	4,341	329	424	1,674	1,892	51,790	54,731
25 - 34	80,722	84,988	2,536	2,729	4,897	5,182	506	606	2,700	3,045	91,361	96,550
35 - 44	49,658	50,895	1,736	1,695	2,382	2,494	312	335	1,529	1,648	55,617	57,067
45 - 54	38,782	39,554	1,303	1,336	1,635	1,572	278	276	1,210	1,266	43,208	44,004
55 - 64	23,772	24,252	644	697	701	828	213	215	668	737	25,998	26,729
65 & Over	12,464	12,958	175	188	272	258	256	247	359	378	13,526	14,029
Not Known	263	796	20	24	44	42	14	19	89	16,400	430	17,281
Total	307,248	321,136	9,623	10,165	19,675	20,609	2,416	2,744	10,690	28,078	349,652	382,732

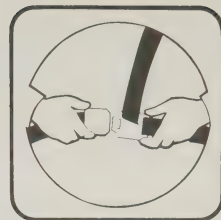
APPARENT DRIVER ACTION IN ALL MOTOR VEHICLE ACCIDENTS 1976-1977

Action	1976	% Of Total	1977	% Of Total
Driving Properly	159,378	45.6	167,305	43.7
Following Too Close	17,865	5.1	18,464	4.8
Speed Too Fast	28,894	8.3	34,004	8.9
Improper Turn	13,083	3.7	14,058	3.7
Disobey Traffic Signal	5,625	1.6	6,123	1.6
Disobey Stop Sign	4,583	1.3	4,783	1.2
Fail To Yield Right of Way	37,269	10.6	40,203	10.5
Improper Passing	4,991	1.4	6,055	1.6
Lost Control	27,802	8.0	27,014	7.1
Wrong Way On One-Way Road	326	0.1	408	0.1
Not Known	16,741	4.8	34,608	9.0
Other*	33,095	9.5	29,707	7.8
Total	349,652	100.0	382,732	100.0

* Includes actions defined as Careless Driving, Inattentive Driving, Fell Asleep, Hit and Run, On Wrong Side of Road, Improper Parking, Impaired, Illegally Parked, Dangerous Driving, Inexperience, etc.

Note: The introduction of a new Motor Vehicle Accident Report form and reporting criterion in 1977 do not allow valid comparisons to be made for some of the "not known" data.

DRIVER SEAT BELT USAGE BY NATURE OF INJURY 1976 - 1977



DRIVER SEAT BELT USAGE BY NATURE OF INJURY – 1977*

Nature of Injury	Installed – Not In Use		Installed – In Use		Installed Use Unknown		Not Installed		Not Known		Total	
	1977	%	1977	%	1977	%	1977	%	1977	%	1977	%
Killed	346	0.79	114	0.04	105	1.5	33	0.2	11	0.1	609	0.2
Injured	9,213	21.2	32,630	11.4	1,399	20.4	1,883	13.1	495	2.3	45,620	12.2
Not Injured	33,847	78.0	254,130	88.6	5,363	78.1	12,416	86.7	20,901	97.6	326,657	87.6
Total	43,406	100.0	286,874	100.0	6,867	100.0	14,332	100.0	21,407	100.0	372,886	100.0

*Excludes Motorcycle and Moped Drivers

DRIVER SEAT BELT USAGE BY NATURE OF INJURY – 1976*

Nature of Injury	Installed – Not In Use		Installed – In Use		Installed – Use Unknown		Not Installed		Not Known		Total	
	1976	%	1976	%	1976	%	1976	%	1976	%	1976	%
Killed	318	0.74	153	0.06	53	1.4	37	0.2	87	0.8	648	0.2
Injured	6,871	16.0	27,735	10.3	568	15.0	2,652	14.4	1,805	16.1	39,631	11.4
Not Injured	35,673	83.2	241,884	89.7	3,158	83.6	15,670	85.4	9,339	83.1	305,724	88.4
Total	42,862	100.0	269,772	100.0	3,779	100.0	18,359	100.0	11,231	100.0	346,003	100.0

*Excludes Motorcycle and Moped Drivers.

Mandatory usage of seat belts came into effect on January 1, 1976. This year, 76.9% of the drivers involved in motor vehicle accidents were using their seat belts and 11.6% were not using them as compared to 78.0% of the drivers in 1976 who were using their seat belts and 12.4% were not.

During 1977, there were 6.0% fewer driver fatalities and drivers injured increased by 15.1%. Out of the 43,406 drivers who had seat belts installed but were not using them 0.79% (346) were killed, 21.2% (9,213) were injured and 78.0% (33,847) were not injured. In comparison, 0.04% (114) of the 286,874 drivers who were using their seat belts were killed, 11.4% (32,630) were injured and 88.6% (254,130) were not injured.

PASSENGER SEAT BELT USAGE BY NATURE OF INJURY 1976 - 1977

PASSENGER SEAT BELT USAGE BY NATURE OF INJURY — 1977*

Nature of Injury	Installed — Not In Use		Installed — In Use		Installed Use Unknown		Not Installed		Not Known		Total	
	1977	%	1977	%	1977	%	1977	%	1977	%	1977	%
Killed	224	0.65	57	0.04	59	0.9	42	0.2	11	0.1	393	0.2
Injured	8,728	25.4	20,190	13.2	927	14.3	4,635	22.2	374	5.1	34,854	15.7
Not Injured	25,410	73.9	132,806	86.8	5,510	84.8	16,194	77.6	7,000	94.8	186,920	84.1
Total	34,362	100.0	153,053	100.0	6,496	100.0	20,871	100.0	7,385	100.0	222,167	100.0

*Excludes Motorcycle and Moped Passengers

PASSENGER SEAT BELT USAGE BY NATURE OF INJURY — 1976**

Nature of Injury	Installed — Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1976	%	1976	%	1976	%	1976	%	1976	%	1976	%
Killed	201	0.89	100	0.08	24	1.7	39	0.4	97	0.2	461	0.2
Injured	5,095	22.5	15,302	12.8	280	19.9	1,901	18.2	6,975	16.6	29,553	15.1
Not Injured	17,336	76.6	104,073	87.1	1,103	78.4	8,489	81.4	34,954	83.2	165,955	84.7
Total	22,632	100.0	119,475	100.0	1,407	100.0	10,429	100.0	42,026	100.0	195,969	100.0

**Excludes motorcycle and moped Passengers.

In 1977, 68.9% of the passengers involved in motor vehicle accidents were using their seat belts and 15.5% were not as compared to 61.0% of the passengers in 1976 who were using their seat belts and 11.5% were not.

This year, there were 14.8% fewer passenger fatalities and passengers injured increased 17.9%. Out of the 34,362 passengers who had seat belts installed but were not using them 0.65% (224) were killed, 25.4% (8,728) were injured and 73.9% (25,410) were not injured. In comparison 0.04% (57) of the 153,053 passengers who were using their seat belts were killed, 13.2% (20,190) were injured and 86.8% (132,806) were not injured.

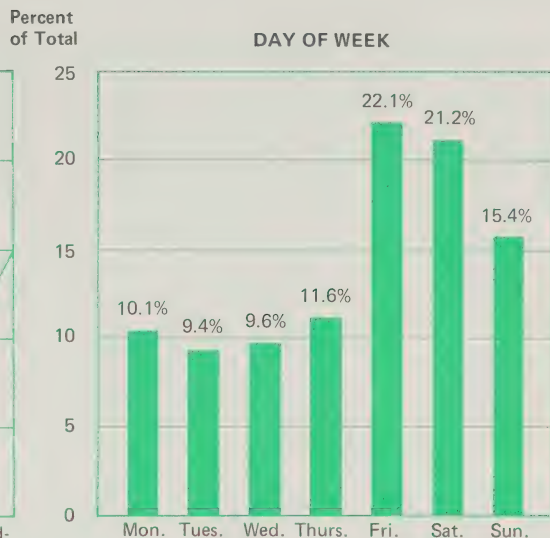
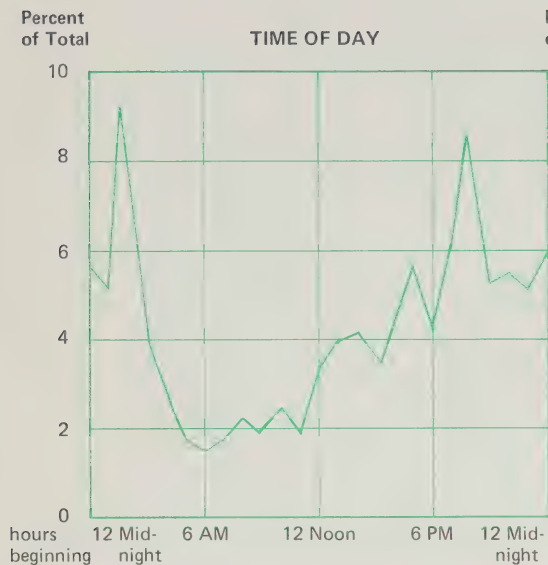
ACTIONS AND CONDITIONS OF PEDESTRIANS KILLED AND INJURED 1976 - 1977

ACTIONS OF PEDESTRIANS KILLED AND INJURED 1976 – 1977				
Action	1976		1977	
	Killed	Injured	Killed	Injured
Crossing Intersection With Right of Way	8	971	8	1,000
Crossing Intersection Without Right of Way	8	461	7	436
Crossing Intersection No Traffic Control	7	196	12	158
Crossing Pedestrian Crossover	2	258	3	288
Walking on Roadway With Traffic	22	277	32	293
Walking on Roadway Against Traffic	13	141	10	196
On Sidewalk or Shoulder	15	499	8	453
Coming from Behind Parked Vehicle or Object	16	685	5	192
Playing or Working on Highway	8	153	10	609
Running into Roadway	48	1,764	49	1,603
Crossing Through Traffic	51	846	64	859
Other	53	967	44	911
Total	251	7,218	252	6,998

CONDITION OF PEDESTRIANS KILLED AND INJURED 1976 - 1977				
Condition	1976		1977	
	Killed	Injured	Killed	Injured
Normal	127	5,560	107	5,706
Had Been Drinking	17	468	19	463
Ability Impaired by Alcohol	33	138	54	143
Ability Impaired by Drugs	—	13	—	12
Fatigue	—	2	1	8
Medical or Physical Defect	6	81	11	89
Not Known	65	846	59	503
Other	3	110	1	74
Total	251	7,218	252	6,998

PERSONS KILLED BY TIME OF DAY AND WEEK

1977

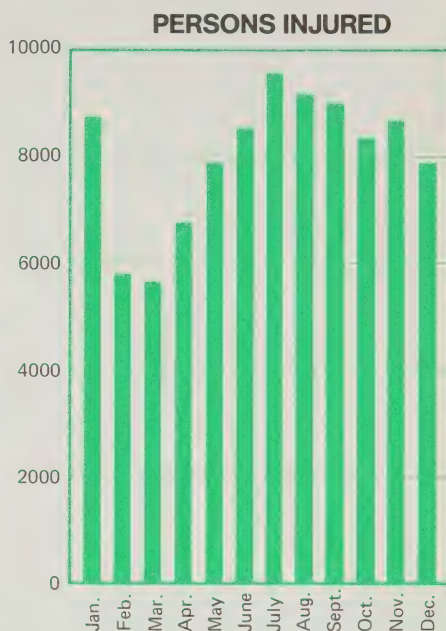
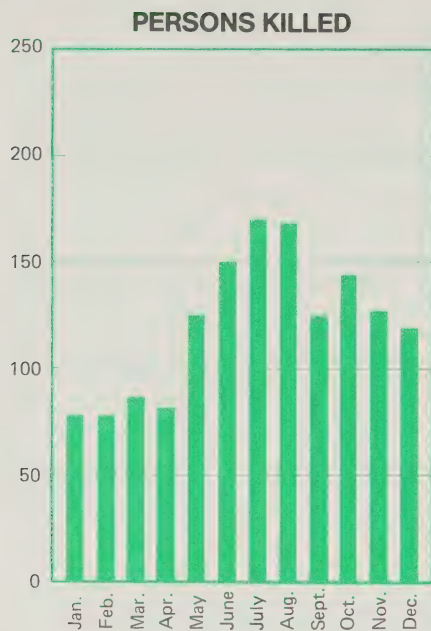


PERSONS KILLED BY TIME OF DAY AND DAY OF WEEK

Time	Total	%	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Sun.
12 - 01 AM	74	5.2	4	4	4	4	14	25	19
01 - 02 "	129	9.1	3	7	5	5	17	47	45
02 - 03 "	55	3.9	—	1	2	5	11	21	15
03 - 04 "	37	2.6	3	2	4	5	2	12	9
04 - 05 "	24	1.7	—	3	1	3	1	10	6
05 - 06 "	19	1.3	3	—	—	—	5	4	7
06 - 07 "	21	1.5	1	2	2	3	7	—	6
07 - 08 "	31	2.2	7	6	6	5	5	2	—
08 - 09 "	27	1.9	3	7	1	10	4	2	—
09 - 10 "	35	2.5	5	2	8	2	6	9	3
10 - 11 "	26	1.8	3	4	1	3	7	5	3
11 - 12 "	46	3.2	12	7	5	3	5	8	6
12 - 01 PM	55	3.9	8	10	8	10	7	8	4
01 - 02 "	59	4.2	8	7	5	4	6	14	15
02 - 03 "	49	3.4	8	4	2	7	7	9	12
03 - 04 "	63	4.4	10	8	6	13	16	5	5
04 - 05 "	83	5.8	14	6	11	15	13	15	9
05 - 06 "	60	4.2	7	10	4	6	14	13	6
06 - 07 "	86	6.1	9	11	9	10	31	8	8
07 - 08 "	122	8.6	9	10	10	11	51	18	13
08 - 09 "	75	5.3	5	9	12	12	14	15	8
09 - 10 "	78	5.5	9	5	13	9	17	14	11
10 - 11 "	75	5.3	5	5	8	10	23	19	5
11 - 12 "	84	5.9	6	4	9	9	29	24	3
Unknown	7	.5	1	—	1	1	2	1	1
Total	1,420	100.0	143	134	137	165	314	308	219

PERSONS KILLED AND INJURED BY MONTH OF OCCURRENCE

1977

PERSONS KILLED AND INJURED
BY MONTH OF OCCURRENCE

Month	Killed	Injured
January	74	8,629
February	74	5,886
March	89	5,856
April	82	6,653
May	121	7,885
June	150	8,416
July	165	9,478
August	162	9,020
September	121	8,997
October	141	8,342
November	124	8,616
December	117	7,886
Total	1,420	95,664

TYPE AND CONDITION OF VEHICLES INVOLVED IN ALL ACCIDENTS

1977

TYPE OF VEHICLE INVOLVED IN ALL ACCIDENTS – 1977

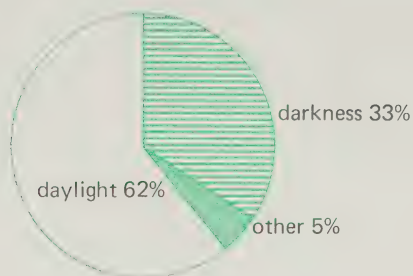
Type of Vehicle	In All Accidents	In Fatal	In Personal Injury	In Property Damage
Passenger Car	324,470	1,326	89,124	234,020
Passenger Car & Trailer	958	5	259	694
Truck	46,395	289	12,066	34,040
Truck & Trailer	748	4	185	559
Tractor & Semi-Trailer	6,408	112	1,637	4,659
Motorcycle	4,667	106	4,009	552
Bus	3,050	5	892	2,153
School Bus	1,209	6	313	890
Other – Or Not Known	12,600	18	1,763	10,819
Non Motor Vehicle	5,323	89	3,902	1,332
Total	405,828	1,960	114,150	289,718

TYPE AND CONDITION OF VEHICLES INVOLVED – ALL ACCIDENTS – 1977

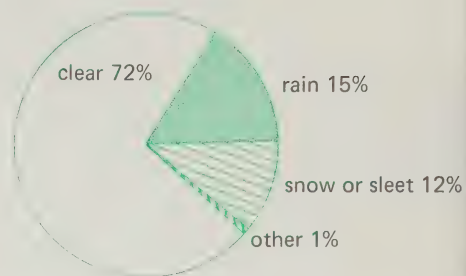
Condition	Passenger Car	Passenger Car & Trailer	Truck	Truck & Trailer	Tractor Semi-Trailer	Motorcycle	Bus	School Bus	Other Motor Vehicle	Non Motor Vehicle	Total
No Apparent Defect	310,452	832	43,604	604	5,741	4,366	2,953	1,156	755	4,621	375,084
Service Brakes Defective	1,149	2	366	9	105	26	18	11	1	128	1,815
Steering Defective	276	1	90	2	19	17	—	1	—	11	417
Tire Puncture or Blow Out	916	25	202	11	70	26	1	1	1	1	1,254
Tire Tread Insufficient	919	5	147	—	15	12	5	2	—	2	1,107
Headlamps Defective	123	—	30	—	8	21	1	—	2	40	225
Other Lamps or Reflectors Defective	350	8	140	7	20	4	2	2	3	29	565
Engine Controls Defective	514	—	81	—	10	10	3	2	1	13	634
Wheels or Suspension Defective	193	17	68	11	47	9	3	1	4	6	359
Vision Obscured	278	1	47	2	8	—	1	3	4	3	347
Trailer Hitch Defective	—	39	—	63	47	—	—	—	7	3	159
Other Defects	1,465	19	366	23	153	47	9	5	47	114	2,247
Not Known	7,835	9	1,254	16	165	129	54	25	11,775	352	21,571
Total	324,470	958	46,395	748	6,408	4,667	3,050	1,209	12,600	5,323	405,828

ALL ACCIDENTS - 1977 - LIGHT CONDITION, VISIBILITY AND ROAD LOCATION

LIGHT CONDITION



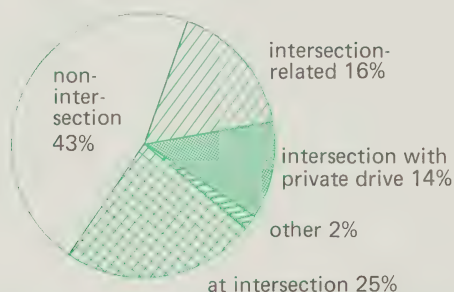
VISIBILITY



Light Condition	Total	Fatal	Personal Injury	Property Damage
Daylight	136,048	538	38,321	97,189
Dawn	2,393	20	662	1,711
Dusk	7,932	48	2,293	5,591
Darkness	72,194	607	22,511	49,076
Total	218,567	1,213	63,787	153,567

Visibility	Total	Fatal	Personal Injury	Property Damage
Clear	158,312	994	47,872	109,446
Rain	32,654	116	9,564	22,974
Snow or Sleet	25,282	73	5,563	19,646
Fog, Mist, Smoke, or Dust	2,319	30	788	1,501
Total	218,567	1,213	63,787	153,567

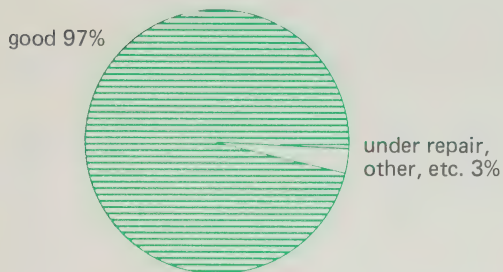
ROAD LOCATION



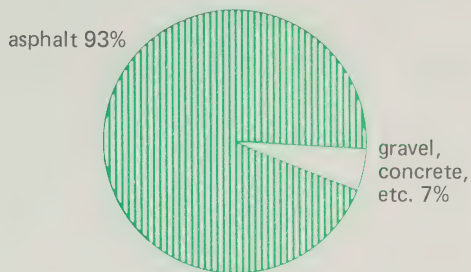
Road Location	Total	Fatal	Personal Injury	Property Damage
Non-Intersection	94,407	777	28,616	65,014
Intersection-Related	34,689	53	9,811	24,825
At Intersection	53,946	220	16,959	36,767
Intersection with Private Drive	31,609	105	7,121	24,383
At Railroad Crossing	898	24	288	586
Underpass or Tunnel	432	5	126	301
Overpass or Bridge	2,072	22	690	1,360
Other	514	7	176	331
Total	218,567	1,213	63,787	153,567

ALL ACCIDENTS – 1977 – ROAD TYPE, ROAD CONDITION AND ROAD SURFACE CONDITION

ROAD CONDITION



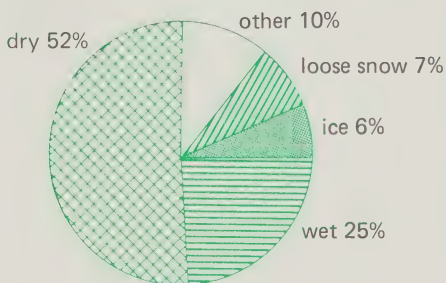
ROAD TYPE



Road Condition	Total	Fatal	Personal Injury	Property Damage
Good	211,002	1,178	61,785	148,039
Under Repair	1,037	9	298	730
Under Const.	2,231	15	628	1,588
Other	4,297	11	1,076	3,210
Total	218,567	1,213	63,787	153,567

Road Type	Total	Fatal	Personal Injury	Property Damage
Asphalt	202,623	1,117	58,945	142,561
Gravel or Crushed Stone	9,282	70	3,003	6,209
Concrete	5,505	20	1,472	4,013
Earth	653	2	191	460
Other	504	4	176	324
Total	218,567	1,213	63,787	153,567

ROAD SURFACE CONDITION



Road Surface Condition	Total	Fatal	Personal Injury	Property Damage
Dry	113,359	838	37,359	75,162
Wet	55,318	244	15,965	39,109
Loose Snow	14,809	33	2,998	11,778
Slush	8,361	30	1,790	6,541
Packed Snow	12,396	32	2,375	9,989
Ice	12,752	34	2,742	9,976
Mud	150	—	39	111
Loose Sand or Gravel	1,422	2	519	901
Total	218,567	1,213	63,787	153,567

STATISTICS RELATING TO MOTOR VEHICLE ACCIDENTS IN ONTARIO CITIES, TOWNS AND VILLAGES - 1977

<u>Place</u>	<u>Total Accidents</u>	<u>ACCIDENTS</u>			<u>PERSONS</u>	
		<u>Fatal</u>	<u>Personal Injury</u>	<u>Property Damage</u>	<u>Killed</u>	<u>Injured</u>
Ailsa Craig	12	0	2	10	0	6
Ajax	328	2	96	230	2	149
Alexandria	109	1	24	84	1	32
Alfred	12	0	1	11	0	1
Alliston	85	2	18	65	2	24
Almonte	48	1	8	39	1	9
Alvinston	4	0	2	2	0	3
Amherstburg	114	1	32	81	1	46
Ancastor	229	0	89	140	0	138
Angus	18	0	5	13	0	5
Arkona	3	0	0	3	0	0
Arnprior	112	1	19	92	1	27
Arthur	43	0	7	36	0	14
Athens	2	0	1	1	0	1
Aurora	229	0	80	149	0	111
Aylmer	75	0	24	51	0	28
Ayton	5	0	1	4	0	1
Balmertown	10	0	4	6	0	5
Bancroft	44	0	10	34	0	17
Barrie	902	1	185	716	1	261
Barry's Bay	21	0	5	16	0	6
Bath	7	0	1	6	0	2
Bayfield	4	0	0	4	0	0
Beachburg	1	0	0	1	0	0
Beeton	10	0	2	8	0	3
Belle River	57	1	14	42	1	21
Belleville	922	3	198	721	3	276
Belmont	8	0	3	5	0	3
Blenheim	87	0	11	76	0	15
Blind River	73	0	19	54	0	23
Bloomfield	8	0	3	5	0	3
Blyth	5	0	1	4	0	2
Bobcaygeon	22	0	3	19	0	3
Bothwell	14	0	4	10	0	5
Bracebridge	100	0	18	82	0	23
Bradford	127	1	28	98	1	43
Braeside	3	0	3	0	0	5
Brampton	2,179	7	601	1,571	8	921
Brantford	1,742	7	430	1,305	7	639
Brighton	44	1	13	30	1	17
Brockville	525	0	116	409	0	158
Bruce Mines	7	0	2	5	0	2
Brussels	23	0	5	18	0	8
Burford	2	0	0	2	0	0
Burk's Falls	7	0	2	5	0	7
Burlington	1,975	9	566	1,400	9	827
Cache Bay	3	0	0	3	0	0
Caledon	427	8	147	272	11	250

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Cambridge	1,778	6	480	1,292	6	683
Campbellford	69	0	11	58	0	12
Capreol	11	0	1	10	0	3
Cardinal	26	1	2	23	2	7
Carleton Place	179	0	53	126	0	76
Casselman	12	0	1	11	0	3
Chalk River	8	0	1	7	0	2
Chatham	1,205	1	322	882	1	442
Chatsworth	3	0	0	3	0	0
Chesley	26	0	3	23	0	4
Chesterville	32	0	4	28	0	5
Clarence Creek	1	0	0	1	0	0
Clifford	12	0	1	11	0	1
Clinton	47	0	13	34	0	18
Cobalt	32	0	2	30	0	2
Cobden	10	0	0	10	0	0
Coboconk	3	0	0	3	0	0
Cobourg	245	1	68	176	1	95
Cochrane	76	0	14	62	0	21
Colborne	40	0	9	31	0	11
Coldwater	8	0	1	7	0	4
Collingwood	263	1	69	193	1	103
Cookstown	8	0	5	3	0	7
Cornwall	1,327	3	297	1,027	4	421
Creemore	13	0	3	10	0	4
Deep River	23	0	11	12	0	14
Deseronto	23	0	5	18	0	5
Dorchester	1	0	1	0	0	1
Drayton	13	0	2	11	0	2
Dresden	30	0	8	22	0	9
Dryden	133	1	27	105	1	33
Dublin	1	0	0	1	0	0
Dundalk	15	0	4	11	0	5
Dundas	328	2	105	221	2	161
Dunnville	198	2	53	143	3	70
Durham	30	2	4	24	2	5
Dutton	5	0	0	5	0	0
East Gwillimbury	30	0	12	18	0	17
Eden Mills	2	0	1	1	0	1
Eganville	30	0	6	24	0	6
Elliot Lake	203	0	59	144	0	90
Elmvale	24	0	5	19	0	7
Elora	44	0	12	32	0	17
Embrun	6	0	0	6	0	0
Englehart	15	0	5	10	0	6
Erieau	7	0	4	3	0	7
Erin	26	0	4	22	0	4
Espanola	93	2	24	67	2	48
Essex	89	0	17	72	0	21

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Exeter	102	0	22	80	0	35
Fenelon Falls	32	0	5	27	0	6
Fergus	87	0	20	67	0	29
Flesherton	6	0	0	6	0	0
Florence	2	0	2	0	0	2
Fordwich	1	0	1	0	0	4
Forest	43	0	13	30	0	17
Fort Erie	555	4	177	374	4	260
Fort Frances	255	1	60	194	1	85
Frankford	27	0	5	22	0	5
Gananoque	104	0	26	78	0	27
Gauthier	1	0	0	1	0	0
Geraldton	69	0	11	58	0	15
Glencoe	28	0	3	25	0	3
Goderich	159	0	34	125	0	43
Gore Bay	8	0	2	6	0	2
Grand Bend	34	0	9	25	0	10
Grand Valley	5	0	0	5	0	0
Gravenhurst	77	0	12	65	0	15
Grimsby	286	1	68	217	1	103
Guelph	1,062	5	261	796	5	364
Haileybury	65	0	11	54	0	20
Haldimand	208	1	54	153	1	75
Halton Hills	775	3	208	564	3	301
Hamilton	8,357	27	2,588	5,742	28	3,652
Hanover	130	2	19	109	2	27
Harrow	34	0	5	29	0	5
Hastings	2	0	0	2	0	0
Havelock	27	0	4	23	0	9
Hawkesbury	251	0	58	193	0	74
Hearst	71	1	18	52	1	20
Hensall	4	0	0	4	0	0
Hepworth	1	0	1	0	0	1
Highgate	4	0	2	2	0	2
Hillsburgh	1	0	0	1	0	0
Hilton Beach	6	0	2	4	0	4
Holstein	1	0	1	0	0	1
Huntsville	75	0	21	54	0	35
Ilderton	1	0	1	0	0	1
Ingersoll	186	1	43	142	1	66
Inwood	1	0	1	0	0	1
Iron Bridge	2	0	0	2	0	0
Iroquois	8	0	3	5	0	4
Iroquois Falls	66	0	17	49	0	25
Kapuskasing	174	1	46	127	1	69
Kearney	1	0	0	1	0	0
Keewatin	33	0	5	28	0	6
Kemptville	17	0	2	15	0	2

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Kenora	256	1	73	182	1	109
Killaloe Station	3	0	0	3	0	0
Kincardine	157	0	21	136	0	29
Kingston	1,384	4	354	1,026	4	493
Kingsville	65	0	19	46	0	25
Kitchener	3,585	4	900	2,681	4	1,229
Komoka	1	0	0	1	0	0
Lakefield	54	0	22	32	0	36
Lambeth	1	0	0	1	0	0
Lanark	4	0	1	3	0	1
Lancaster	5	0	1	4	0	1
Latchford	5	0	1	4	0	1
Leamington	300	3	63	234	3	106
Lincoln	264	2	68	194	3	101
Lindsay	305	0	80	225	0	116
Lion's Head	4	0	0	4	0	0
Listowel	87	1	21	65	1	22
Little Current	18	0	5	13	0	6
London	6,673	17	1,951	4,705	18	2,721
L'Orignal	13	0	6	7	0	6
Lucan	31	0	6	25	0	8
Lucknow	15	1	3	11	1	3
Madoc	19	0	6	13	0	7
Markdale	17	0	4	13	0	7
Markham	715	2	205	508	2	295
Marmora	15	0	2	13	0	3
Massey	13	0	4	9	0	6
Mattawa	29	0	12	17	0	17
Maxville	6	0	0	6	0	0
Meaford	64	1	11	52	1	19
Merlin	6	0	2	4	0	2
Merrickville	7	0	0	7	0	0
Midland	268	2	67	199	2	99
Mildmay	18	0	4	14	0	8
Millbrook	13	0	4	9	0	5
Milton	526	5	158	363	5	248
Milverton	19	0	4	15	0	4
Mississauga	5,466	18	1,358	4,090	18	1,972
Mitchell	55	0	15	40	0	20
Moorefield	1	0	0	1	0	0
Morrisburg	27	0	7	20	0	10
Mount Brydges	11	0	2	9	0	5
Mount Forest	78	0	18	60	0	32
Nakina	12	0	0	12	0	0
Nanticoke	305	2	77	226	2	112
Napanee	129	0	20	109	0	27
Neustadt	6	0	0	6	0	0
Newboro	1	0	1	0	0	1

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Newburgh	1	0	0	1	0	0
Newbury	4	0	3	1	0	3
Newcastle	529	7	172	350	8	264
New Liskeard	89	0	27	62	0	42
Newmarket	256	0	76	180	0	115
Niagara Falls	1,930	11	515	1,404	13	766
Niagara-on-the-Lake	221	2	97	122	2	151
North Bay	1,008	2	293	713	2	428
Norwood	9	0	3	6	0	5
Oakville	1,495	6	441	1,048	6	636
Oil Springs	6	0	3	3	0	3
Omeme	7	0	1	6	0	2
Onaping Falls	32	0	10	22	0	11
Orangeville	234	0	44	190	0	60
Orillia	390	0	124	266	0	164
Oshawa	2,475	10	754	1,711	11	1,105
Ottawa	9,233	10	2,121	7,102	10	2,835
Owen Sound	405	2	83	320	4	118
Paisley	14	0	2	12	0	3
Palmerston	27	0	4	23	0	5
Paris	113	1	26	86	1	33
Parkhill	15	0	2	13	0	3
Parry Sound	85	0	19	66	0	26
Pelham	164	2	40	122	2	61
Pembroke	360	0	85	275	0	117
Penethanguishene	115	0	29	86	0	36
Perth	160	0	28	132	0	46
Petawawa	39	0	9	30	0	13
Peterborough	1,360	5	343	1,012	5	509
Petrolia	76	0	14	62	0	19
Pickering	466	2	148	316	2	218
Picton	115	0	24	91	0	35
Plantagenet	8	0	4	4	0	5
Point Edward	81	0	21	60	0	34
Port Burwell	17	0	0	17	0	0
Port Colborne	439	0	106	333	0	160
Port Elgin	126	0	26	100	0	41
Port Hope	153	0	41	112	0	61
Port McNicoll	16	0	6	10	0	9
Port Stanley	26	0	5	21	0	6
Powassan	6	0	0	6	0	0
Prescott	112	0	24	88	0	35
Rainy River	15	0	3	12	0	3
Rayside-Balfour	157	1	57	99	3	83
Red Rock	9	0	3	6	0	6
Renfrew	235	1	66	168	1	99
Richmond Hill	455	5	134	316	10	189
Ridgetown	52	0	13	39	0	17

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Ripley	5	0	1	4	0	1
Rockcliffe Park	40	0	7	33	0	13
Rockland	53	0	14	39	0	17
Rockwood	2	0	1	1	0	2
Rodney	10	0	4	6	0	5
Rosseau	2	0	1	1	0	1
St. Catharines	3,285	11	886	2,388	11	1,198
St. Clair Beach	14	0	3	11	0	5
St. Eugene	1	0	0	1	0	0
St. Isidore De Prescott	9	0	3	6	0	3
St. Marys	91	0	19	72	0	26
St. Thomas	515	2	139	374	2	200
Sarnia	1,692	5	411	1,276	5	597
Sault Ste. Marie	2,386	9	546	1,831	9	795
Seaforth	31	0	5	26	0	5
Shelburne	33	1	14	18	1	15
Simcoe	362	2	93	267	2	116
Sioux Lookout	41	0	9	32	0	12
Smiths Falls	272	2	50	220	2	72
Smooth Rock Falls	22	0	2	20	0	2
Southampton	52	1	12	39	1	29
South River	10	0	1	9	0	2
Springfield	1	0	1	0	0	1
Stayner	28	0	5	23	0	5
Stirling	22	0	5	17	0	8
Stoney Creek	620	2	212	406	2	326
Stoney Point	3	0	1	2	0	1
Stratford	654	2	156	496	2	217
Strathroy	166	0	48	118	0	62
Sturgeon Falls	133	1	33	99	1	54
Sudbury	2,725	7	796	1,922	11	1,210
Sundridge	11	0	2	9	0	2
Tara	3	0	0	3	0	0
Tecumseh	76	0	27	49	0	38
Teeswater	6	0	1	5	0	1
Terrace Bay	14	0	5	9	0	8
Thamesville	20	0	3	17	0	3
Thedford	12	0	5	7	0	8
Thessalon	31	0	5	26	0	8
Thornbury	25	0	6	19	0	7
Thorold	249	5	71	173	10	120
Thunder Bay	3,252	8	835	2,409	9	1,193
Tilbury	95	0	25	70	0	32
Tillsonburg	254	0	59	195	0	80
Timmins	992	0	243	749	0	341
Tilverton	7	0	1	6	0	1
Toronto	47,109	67	13,857	33,185	73	18,896
Tottenham	25	0	10	15	0	12

<u>Place</u>	<u>Total Accidents</u>	<u>ACCIDENTS</u>			<u>PERSONS</u>	
		<u>Fatal</u>	<u>Personal Injury</u>	<u>Property Damage</u>	<u>Killed</u>	<u>Injured</u>
Trenton	422	1	107	314	1	137
Trout Creek	1	0	1	0	0	2
Tweed	23	1	3	19	1	4
Valley East	97	1	46	50	1	67
Vanier	549	1	130	418	1	181
Vankleek Hill	42	1	5	36	3	9
Vaughan	513	1	170	342	2	271
Victoria Harbour	25	0	4	21	0	5
Vienna	1	0	0	1	0	0
Waldemar	53	1	26	26	2	38
Walkerton	91	1	12	78	1	17
Wallaceburg	294	1	66	227	1	83
Wardsville	11	0	4	7	0	4
Warkworth	5	0	1	4	0	2
Wasaga Beach	149	2	47	100	3	68
Waterloo	1,277	5	289	983	5	420
Watford	18	0	1	17	0	2
Webbwood	1	0	0	1	0	0
Welland	1,307	3	316	988	3	460
Wellington	15	0	5	10	0	6
Wendover	4	0	0	4	0	0
West Lorne	18	0	1	17	0	2
Westport	8	0	1	7	0	1
Wheatley	36	0	6	30	0	7
Whitby	669	2	216	451	2	310
Whitchurch-Stouffville	265	4	88	173	4	153
White River	5	0	1	4	0	1
Warton	25	0	4	21	0	4
Winchester	9	0	0	9	0	0
Windsor	5,902	20	1,783	4,099	27	2,578
Wingham	81	0	13	68	0	16
Woodstock	573	3	180	390	3	250
Woodville	4	0	1	3	0	1
Wyoming	18	0	7	11	0	8
Zurich	1	0	0	1	0	0
Total	153,403	418	42,165	110,820	469	59,367

STATISTICS RELATING TO MOTOR VEHICLE ACCIDENTS BY COUNTIES, DISTRICTS AND REGIONAL MUNICIPALITIES - 1977

County, District or Regional Municipality	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Algoma	3,970	29	1,077	2,864	35	1,677
Brant	2,889	22	839	2,028	22	1,331
Bruce	1,648	15	444	1,189	18	770
Cochrane	2,165	17	589	1,559	19	902
Dufferin	838	14	255	569	15	395
Dundas	361	6	107	248	7	163
Durham	6,491	49	2,014	4,428	55	3,110
Elgin	1,458	11	457	990	15	670
Essex	8,831	47	2,772	6,012	57	4,144
Frontenac	2,695	22	696	1,977	26	1,038
Glengarry	579	7	180	392	7	297
Grenville	629	9	186	434	11	312
Grey	1,670	18	449	1,203	23	722
Haldimand-Norfolk	2,396	31	722	1,643	39	1,111
Haliburton	428	4	162	262	4	266
Halton	6,211	34	1,813	4,364	36	2,779
Hamilton-Wentworth	11,451	51	3,687	7,713	52	5,481
Hastings	2,774	22	813	1,939	23	1,257
Huron	1,403	27	407	969	28	691
Kenora	1,408	16	393	999	21	668
Kent	3,016	19	899	2,098	22	1,329
Lambton	3,578	29	1,023	2,526	34	1,586
Lanark	1,200	9	332	859	11	553
Leeds	1,470	10	461	999	11	728
Lennox & Addington	752	7	214	531	8	326
Manitoulin	417	6	144	267	6	222
Middlesex	8,767	50	2,677	6,040	62	3,963
Muskoka	1,216	14	396	806	16	650
Niagara	10,556	55	2,934	7,567	74	4,374
Nipissing	2,018	18	663	1,337	23	1,050
Northumberland	1,788	25	542	1,221	30	901
Ottawa-Carleton	14,461	45	3,479	10,937	51	4,918
Oxford	2,067	25	609	1,433	30	954
Parry Sound	1,065	14	373	678	20	649
Peel	10,135	42	2,764	7,329	46	4,182
Perth	1,673	10	492	1,171	10	774
Peterborough	2,594	26	789	1,779	31	1,314
Prescott	729	6	231	492	8	351
Prince Edward	460	6	145	309	6	232
Rainy River	716	3	186	527	3	289
Renfrew	2,209	30	706	1,473	32	1,119
Russell	389	5	111	273	5	182
Simcoe	5,593	53	1,713	3,827	59	2,849
Stormont	1,674	4	445	1,225	6	677
Sudbury District	4,791	38	1,588	3,165	60	2,546
Thunder Bay	5,114	38	1,498	3,578	43	2,340
Timiskaming	927	13	275	639	14	430
Victoria	1,149	11	384	754	12	643
Waterloo	8,083	30	2,097	5,956	32	3,042
Wellington	2,777	18	805	1,954	24	1,329
York	56,888	103	16,750	40,035	118	23,378
Total	218,567	1,213	63,787	153,567	1,420	95,664

SUMMARY OF MOTOR VEHICLE TRAFFIC ACCIDENT STATISTICS

NUMBER OF ACCIDENTS

ONTARIO 1977

	TOTAL	FATAL	PERSONAL INJURY	PROPERTY DAMAGE ONLY
Accident Involves*				
Single Motor Vehicle . . . or Motor Vehicle And	44,457	379	16,155	27,923
Other Motor Vehicle/s . .	160,866	512	37,530	122,824
Pedestrian	6,482	235	6,243	4
Cyclist	3,271	47	3,182	42
Railroad Train	275	22	98	155
Street Car	462	—	108	354
Farm Tractor	294	6	82	206
Animal	1,879	2	211	1,666
Other	581	10	178	393
Total	218,567	1,213	63,787	153,567

Month of Occurrence				
January	25,617	69	5,749	19,799
February	17,209	67	3,963	13,179
March	14,820	73	3,937	10,810
April	14,200	78	4,531	9,591
May	15,009	104	5,386	9,519
June	16,149	128	5,724	10,297
July	16,695	136	6,066	10,493
August	17,166	135	5,808	11,223
September	18,460	101	5,979	12,380
October	18,250	120	5,563	12,567
November	21,181	104	5,791	15,286
December	23,811	98	5,290	18,423
Total	218,567	1,213	63,787	153,567

Day of Occurrence				
Sunday	24,700	178	7,948	16,574
Monday	27,133	125	7,425	19,583
Tuesday	28,096	116	7,992	19,988
Wednesday	28,645	125	8,071	20,449
Thursday	30,668	144	8,748	21,776
Friday	42,183	260	12,043	29,880
Saturday	37,142	265	11,560	25,317
Total	218,567	1,213	63,787	153,567

Hour of Occurrence				
12 to 1 A.M.	6,278	61	2,158	4,059
1 to 2 "	8,214	104	3,048	5,062
2 to 3 "	4,739	49	1,658	3,032
3 to 4 "	2,418	33	893	1,492
4 to 5 "	1,531	21	550	960
5 to 6 "	1,224	15	427	782
6 to 7 "	3,085	20	891	2,174
7 to 8 "	7,418	30	1,852	5,536
8 to 9 "	10,287	24	2,600	7,663
9 to 10 "	7,439	31	1,782	5,626
10 to 11 "	8,092	24	1,988	6,080
11 to 12 "	10,137	41	2,632	7,464
12 to 1 P.M.	11,686	44	3,196	8,446
1 to 2 "	12,320	48	3,303	8,969
2 to 3 "	12,237	43	3,264	8,930
3 to 4 "	16,348	54	4,716	11,578
4 to 5 "	19,649	76	5,689	13,884
5 to 6 "	16,464	58	4,746	11,660
6 to 7 "	11,987	65	3,795	8,127
7 to 8 "	11,445	91	3,682	7,672
8 to 9 "	9,647	68	3,101	6,478
9 to 10 "	8,150	68	2,614	5,468
10 to 11 "	7,598	65	2,424	5,109
11 to 12 "	7,941	73	2,586	5,282
Not Known	2,233	7	192	2,034
Total	218,567	1,213	63,787	153,567

	TOTAL	FATAL	PERSONAL INJURY	PROPERTY DAMAGE ONLY
Light Conditions				
Daylight	136,048	538	38,321	97,189
Dawn	2,393	20	662	1,711
Dusk	7,932	48	2,293	5,591
Darkness	72,194	607	22,511	49,076
Total	218,567	1,213	63,787	153,567

Road Surface Condition				
Dry	113,359	838	37,359	75,162
Wet	55,318	244	15,965	39,109
Loose Snow	14,809	33	2,998	11,778
Slush	8,361	30	1,790	6,541
Packed Snow	12,396	32	2,375	9,989
Ice	12,752	34	2,742	9,976
Mud	150	—	39	111
Loose Sand or Gravel . .	1,422	2	519	901
Total	218,567	1,213	63,787	153,567

Road Condition				
Good	211,002	1,178	61,785	148,039
Under Repair	1,037	9	298	730
Under Construction . . .	2,231	15	628	1,588
Other	4,297	11	1,076	3,210
Total	218,567	1,213	63,787	153,567

Road Type				
Asphalt	202,623	1,117	58,945	142,561
Gravel or Crushed Stone	9,282	70	3,003	6,209
Concrete	5,505	20	1,472	4,013
Earth	653	2	191	460
Other	504	4	176	324
Total	218,567	1,213	63,787	153,567

Visibility				
Clear	158,312	994	47,872	109,446
Rain	32,654	116	9,564	22,974
Snow or Sleet	25,282	73	5,563	19,646
Fog, Mist, Smoke or Dust	2,319	30	788	1,501
Total	218,567	1,213	63,787	153,567

Place of Occurrence				
Urban Area	127,764	389	34,540	92,835
Kings Highway (Inc. Sec. Hwy.)	39,040	485	13,016	25,539
Other	51,763	339	16,231	35,193
Total	218,567	1,213	63,787	153,567

Road Location				
Non-Intersection	94,407	777	28,616	65,014
Intersection-Related . .	34,689	53	9,811	24,825
At Intersection	53,946	220	16,959	36,767
Intersection with Private Drive	31,609	105	7,121	24,383
At Railroad Crossing . .	898	24	288	586
Underpass or Tunnel . .	432	5	126	301
Overpass or Bridge . . .	2,072	22	690	1,360
Other	514	7	176	331
Total	218,567	1,213	63,787	153,567

*Based on Initial Impact

SUMMARY OF MOTOR VEHICLE TRAFFIC ACCIDENT STATISTICS

NUMBER OF DRIVERS AND PEDESTRIANS

	IN ALL ACCIDENTS	IN FATAL	IN PERSONAL INJURY	IN PROPERTY DAMAGE ONLY
Sex of Driver				
Male	286,955	1,595	83,769	201,591
Female	76,992	256	23,077	53,659
Not Known	18,785	71	4,395	14,319
Total	382,732	1,922	111,241	269,569

Age of Driver				
Under 16	2,405	39	1,923	443
16-19 Years	53,602	299	16,619	36,684
20-24 Years	71,065	418	21,418	49,229
25-34 Years	96,550	459	28,115	67,976
35-44 Years	57,067	258	16,426	40,383
45-54 Years	44,004	197	12,473	31,334
55-64 Years	26,729	127	7,392	19,210
65 & Over	14,029	94	3,829	10,106
Not Known	17,281	31	3,046	14,204
Total	382,732	1,922	111,241	269,569

Licence of Driver				
Licensed	343,909	1,680	99,405	242,824
Unlicensed	6,950	60	2,922	3,968
Not Known	31,873	182	8,914	22,777
Total	382,732	1,922	111,241	269,569

Residence of Driver				
Alberta	461	2	147	312
British Columbia	415	7	131	277
Manitoba	523	10	172	341
New Brunswick	186	3	44	139
Newfoundland	113	0	39	74
Nova Scotia	246	2	77	167
Ontario	350,807	1,742	102,048	247,017
Prince Edward Island	38	0	8	30
Quebec	4,526	27	1,184	3,315
Saskatchewan	166	1	48	117
Yukon and Northwest Territories	33	0	8	25
United States	3,787	28	1,244	2,515
Other Foreign	318	3	83	232
Not Known	21,113	97	6,008	15,008
Total	382,732	1,922	111,241	269,569

Condition of Driver				
Normal	321,136	1,047	91,261	228,828
Had Been Drinking	20,609	234	8,999	11,376
Ability Impaired Alcohol	10,165	301	4,113	5,751
Ability Impaired Drugs	344	0	128	216
Fatigue	1,196	11	577	608
Medical or Physical Defect	650	9	305	336
Not Known	28,078	317	5,650	22,111
Other	554	3	208	343
Total	382,732	1,922	111,241	269,569

Apparent Driver Action				
Driving Properly	167,305	780	50,009	116,516
Following Too Close	18,464	9	5,457	12,998
Speed Too Fast	34,004	357	12,455	21,192
Improper Turn	14,058	21	3,031	11,006
Disobey Traffic Signal	6,123	19	2,364	3,740
Disobey Stop Sign	4,783	52	2,026	2,705
Fail To Yield Right-Of-Way	40,203	177	9,959	30,067
Improper Passing	6,055	51	1,351	4,653
Lost Control	27,014	93	8,540	18,381
Wrong Way On One-Way Road	408	3	148	257
Not Known	34,608	213	7,137	27,258
Other	29,405	139	8,637	20,629
Disobey Other Controls	302	8	127	167
Total	382,732	1,922	111,241	269,569

ONTARIO 1977

	KILLED	INJURED
Condition of Pedestrian		
Normal	107	5,706
Had Been Drinking	19	463
Ability Impaired Alcohol	54	143
Ability Impaired Drugs	—	12
Fatigue	1	8
Medical or Physical Defect	11	89
Not Known	59	503
Other	1	74
Total	252	6,998

Pedestrian Action		
Crossing Intersection With Right of Way	8	1,000
Crossing Intersection Without Right of Way	7	436
Crossing Intersection, No Traffic Control	12	158
Crossing Pedestrian Crossover	3	288
Walking on Roadway With Traffic	32	293
Walking on Roadway Against Traffic	10	196
On Sidewalk or Shoulder	8	453
Coming From Behind Parked Vehicle or Object	5	192
Playing or Working on Highway	10	609
Running into Roadway	49	1,603
Crossing Through Traffic	64	859
Other	44	911
Total	252	6,998

SUMMARY OF MOTOR VEHICLE TRAFFIC ACCIDENT STATISTICS
NUMBER OF VICTIMS

ONTARIO 1977

Type of Accident	Age of Persons Killed											Age of Persons Injured										
	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated
Single Motor Vehicle	426	6	8	112	108	87	35	28	23	19	0	23,140	286	919	7,191	5,532	4,437	1,969	1,352	807	518	129
Other Motor Veh's	660	7	36	129	120	109	69	72	60	58	0	61,606	1,423	3,424	10,237	11,081	13,588	7,989	6,535	4,231	2,699	399
Pedestrian	242	15	49	25	13	11	20	25	19	62	3	6,637	485	2,268	848	551	642	383	452	384	518	106
Cyclist	47	0	24	8	2	1	2	0	1	4	5	3,313	34	1,383	677	286	176	53	54	18	25	607
Railroad Train	25	0	1	2	3	4	6	2	3	4	0	163	2	12	24	28	33	20	26	8	8	2
Street Car	0	0	0	0	0	0	0	0	0	0	0	159	3	2	11	19	50	26	24	18	5	1
Farm Tractor	7	0	0	1	1	0	0	0	1	3	0	136	4	12	24	19	27	14	11	8	14	3
Animal	2	0	0	2	0	0	0	0	0	0	0	268	3	7	51	72	59	30	25	17	4	0
Other	11	0	1	4	3	3	0	0	0	0	0	242	2	27	75	55	36	22	13	6	2	4
Total	1,420	28	119	283	250	215	132	128	107	150	8	95,664	2,242	8,054	19,138	17,643	19,048	10,506	8,492	5,497	3,793	1,251

Victim	Victims, By Class and Age Group — Killed											Victims, By Class and Age Group — Injured										
	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated
Driver	609	0	1	102	119	128	72	76	57	54	0	45,620	2	46	7,138	9,229	12,227	7,009	5,221	3,037	1,625	86
Passenger	393	13	39	110	71	49	32	24	28	27	0	34,854	1,718	4,175	8,547	5,858	5,120	2,860	2,615	1,989	1,581	391
Pedestrian	252	15	49	28	14	12	22	26	20	63	3	6,998	486	2,309	876	601	734	420	496	410	544	122
Bicyclist	48	0	25	8	2	1	2	0	1	4	5	3,283	26	1,373	675	287	171	48	48	17	24	614
Motorcycle Driver	88	0	3	24	38	19	4	0	0	0	0	3,747	1	42	1,374	1,382	682	137	81	25	11	12
Motorcycle Passenger	17	0	1	8	4	3	0	1	0	0	0	815	3	43	441	236	71	7	7	0	1	6
Other	13	0	1	3	2	3	0	1	1	2	0	347	6	66	87	50	43	25	24	19	7	20
Total	1,420	28	119	283	250	215	132	128	107	150	8	95,664	2,242	8,054	19,138	17,643	19,048	10,506	8,492	5,497	3,793	1,251

	Victims, By Age Group and Sex — Killed											Victims, By Age Group and Sex — Injured											
	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	
	1,020	16	76	214	204	165	95	89	70	85	6	58,067	1,236	4,780	12,359	11,693	11,691	6,029	4,662	2,831	1,857	929	
Male																							
Female	400	12	43	69	46	50	37	39	37	65	2	37,597	1,006	3,274	6,779	5,950	7,357	4,477	3,830	2,666	1,936	332	
Total	1,420	28	119	283	250	215	132	128	107	150	8	95,664	2,242	8,054	19,138	17,643	19,048	10,506	8,492	5,497	3,793	1,251	

Killed	Victims By Class and Sex										Victims By Road Jurisdiction										Victims, By Month of Occurrence									
	Total	Driver	Passenger	Pedestrian	Bicyclist	Motorcycle Driver	Motorcycle Passenger	Other	Killed		Injured		Month	Killed	Injured	Killed	Injured	Killed	Injured											
Male	1,020	504	220	141	45	88	10	12	Municipal (Excl. Tp. Rd.)	431	48,270			Jan.	74	8,629	July	165	9,478											
Female	400	105	173	111	3	—	7	1	Provincial Highway	589	22,708			Feb.	74	5,886	Aug.	162	9,020											
Total	1,420	609	393	252	48	88	17	13	Township	110	5,809			Mar.	89	5,856	Sept.	121	8,997											
Injured									County or District	179	5,003			Apr.	82	6,653	Oct.	141	8,342											
Male	58,070	32,486	14,243	4,055	2,943	3,628	436	279	Regional Mun.	99	13,464			May	121	7,885	Nov.	124	8,616											
Female	37,594	13,134	20,611	2,943	340	119	379	68	Other	12	410			June	150	8,416	Dec.	117	7,886											
Total	95,664	45,620	34,854	6,998	3,283	3,747	815	347	Total	1,420	95,664			Total	Total	Total	Total	Total	Total											

SUMMARY OF MOTOR VEHICLE TRAFFIC ACCIDENT STATISTICS

NUMBER OF VEHICLES

ONTARIO 1977

Type of Vehicle	IN ALL ACCIDENTS	IN FATAL	PERSONAL INJURY	PROPERTY DAMAGE
Passenger Car	324,470	1,326	89,124	234,020
Passenger Car & Trailer	958	5	259	694
Truck	46,395	289	12,066	34,040
Truck & Trailer	748	4	185	559
Tractor & Semi-Trailer	6,408	112	1,637	4,659
Motorcycle	4,667	106	4,009	552
Bus	3,050	5	892	2,153
School Bus	1,209	6	313	890
Other - Or Not Known	12,600	18	1,763	10,819
Non Motor Vehicle	5,323	89	3,902	1,332
Total	405,828	1,960	114,150	289,718

Condition of Vehicle	IN ALL ACCIDENTS	IN FATAL	PERSONAL INJURY	PROPERTY DAMAGE
No Apparent Defect	375,084	1,666	106,716	266,702
Service Brakes Defective	1,815	17	670	1,128
Steering Defective	417	1	169	247
Tire Puncture or Blow Out	1,254	8	483	763
Tire Tread Insufficient	1,107	29	437	641
Headlamps Defective	225	6	100	119
Other Lamps or Reflectors Defective	565	0	154	411
Engine Controls Defective	634	1	209	424
Wheels or Suspension Defective	359	3	120	236
Vision Obscured	347	1	90	256
Trailer Hitch Defective	159	2	25	132
Other Defects	2,247	26	672	1,549
Not Known	21,615	200	4,305	17,110
Total	405,828	1,960	114,150	289,718

Model Year of Vehicle	IN ALL ACCIDENTS	IN FATAL	PERSONAL INJURY	PROPERTY DAMAGE
1978	1,836	14	460	1,362
1977	35,829	205	10,324	25,300
1976	52,067	253	14,720	37,094
1975	42,819	216	12,244	30,359
1974	44,981	215	12,838	31,928
1973	45,689	197	12,942	32,550
1972	37,366	160	10,153	27,053
1971 & Earlier	128,279	637	35,876	91,766
Not Known	16,962	63	4,593	12,306
Total	405,828	1,960	114,150	289,718

Vehicle Maneuver	IN ALL ACCIDENTS	IN FATAL	PERSONAL INJURY	PROPERTY DAMAGE
Going Ahead	224,928	1,598	72,280	151,050
Slowing or Stopping	22,963	26	6,547	16,390
Overtaking	8,136	88	2,160	5,888
Turning Left	39,194	80	10,430	28,684
Turning Right	13,080	14	2,460	10,606
Making "U" Turn	1,194	6	312	876
Changing Lanes	10,844	21	1,793	9,030
Merging	1,176	5	226	945
Reversing	11,947	12	918	11,017
Stopped or Parked	59,103	63	14,776	44,264
Pulling Away From Shoulder or Curb	2,696	5	440	2,251
Pulling Onto Shoulder or Into Curb	788	2	170	616
Not Known or Other	9,779	40	1,638	8,101
Total	405,828	1,960	114,150	289,718

Insurance	IN ALL ACCIDENTS	IN FATAL	PERSONAL INJURY	PROPERTY DAMAGE
Insured	362,248	1,716	100,583	259,949
Not Insured	20,246	172	7,814	12,260
Not Known	23,334	72	5,753	17,509
Total	405,828	1,960	114,150	289,718

AMOUNT OF PROPERTY DAMAGE
\$258,952,041.00



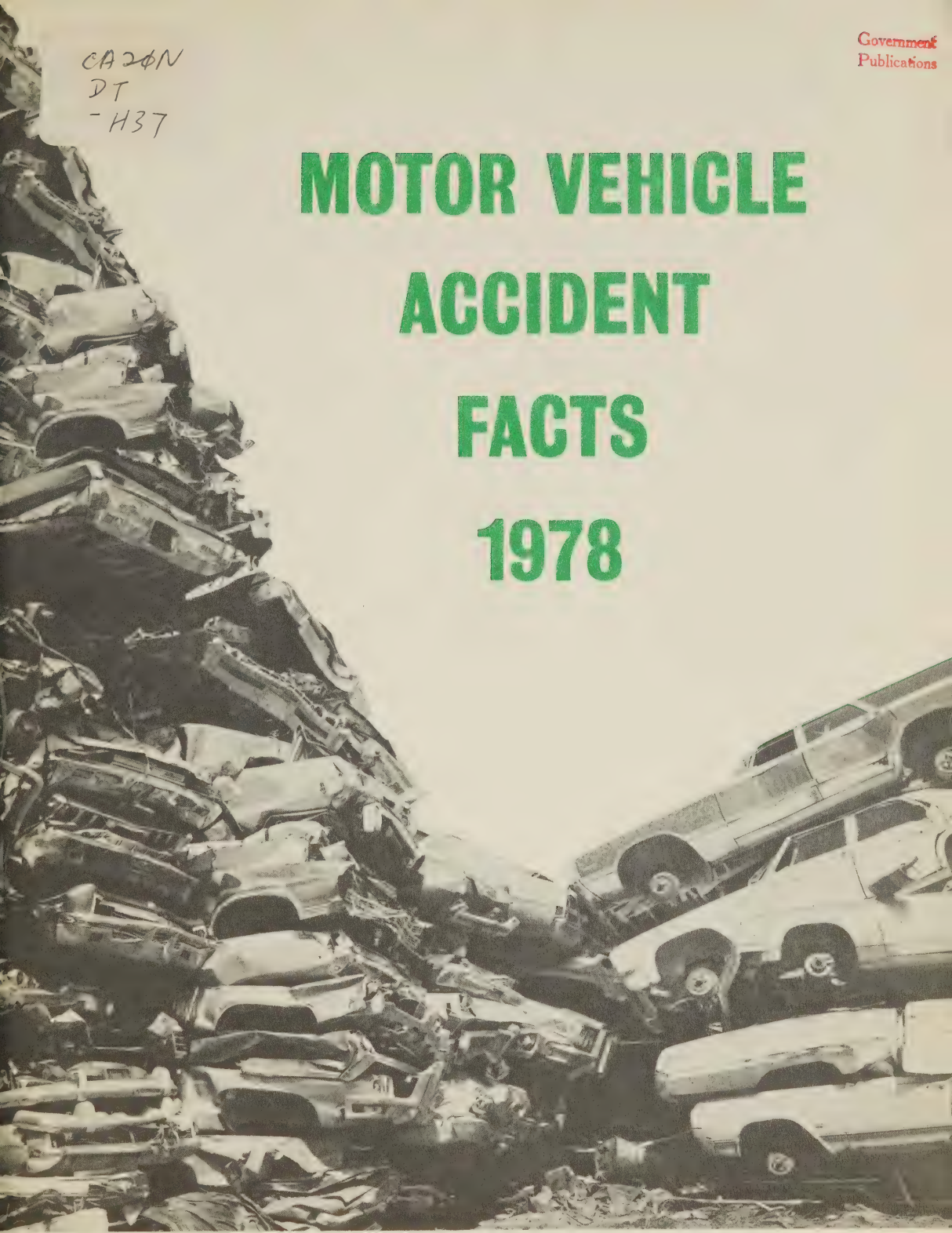


Ministry of
Transportation and
Communications

Licensing and Control Branch
Driver Licensing Section
Collision and Licensing Records
Ferguson Block, 5th Floor
Toronto, Ontario
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MOTOR VEHICLE ACCIDENT FACTS 1978

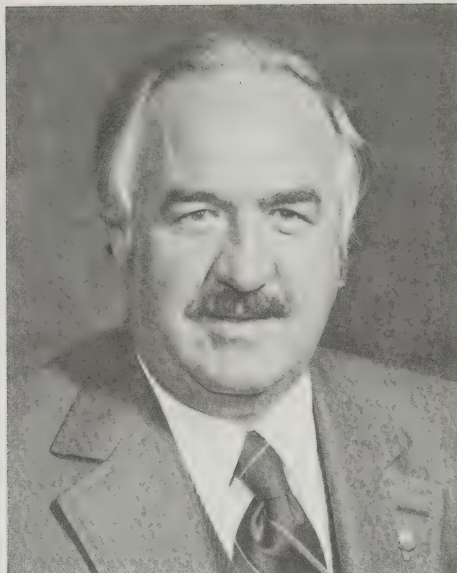


MOTOR VEHICLE ACCIDENT FACTS – 1978



Ministry of
Transportation and
Communications

Collision and Licensing Records
Licensing and Control Branch
Drivers and Vehicles



I would like to take this opportunity to remind Ontario motorists that driving requires concentration and responsibility because, unfortunately, the 1978 accident figures show far too many drivers neglected those critical safety rules when behind the wheel.

If one accepts such obvious facts as:

92.4 percent of all vehicles involved in accidents had no apparent mechanical defect; that 83.3 percent of all drivers involved in accidents were apparently normal; that poor visibility wasn't a problem in over 75 percent of all accidents; then the finger points to the drivers.

Having said that, I regret to say the number of fatal accidents for 1978 rose 4.1 percent from 1,213 to 1,263, leading to a 2.1 percent increase in traffic-related deaths. Or in human terms, 30 more people died in 1978 than in 1977.

Specifically, 284 lives were lost in pedestrian accidents compared to 252 in 1977. Of these, 64 were killed crossing through traffic, another 51 by running into the roadway and still another 30 when walking on the roadway with the traffic rather than against it.

To repeat myself, many of these lives could have been saved if traffic safety had been taken seriously.

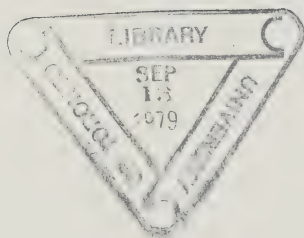
There is some good news, however.

The number of motorcycle drivers killed dropped 9.1 percent, which translates into eight lives saved over last year. Similarly, the number of motorcycle drivers injured in accidents dropped 3.9 percent from 3,594 to 3,453 in 1978.

This decline happened alongside the 7.1 percent increase in the number of licensed motorcyclists and an estimated 3.7 percent increase in the number of motorcycles registered.

Another favorable note is the 1.8 percent drop in the number of personal injury accidents from 63,787 to 62,664 in 1978. The number of injured fell 0.7 percent from 95,664 in 1977 to 94,979 in 1978.

It should always be remembered an accident is the price you pay if you ignore your responsibility as a driver on the road and the tragic payoff may be your life — or someone else's.



James Snow,
Minister of
Transportation and Communications

A handwritten signature of James Snow in dark ink.

MOTOR VEHICLE ACCIDENT FACTS – 1978

The statistical information on the following pages relates to motor vehicle accidents reported to the Ontario Ministry of Transportation and Communications during the calendar year 1978 which resulted in death or injury to persons, or in property damage in excess of \$400.

The report is divided into three major sections dealing with:

- A. A summary of the property damages, injuries and deaths arising from motor vehicle accidents in Ontario in 1978.
- B. A description of trends in motor vehicle accidents and in death and injury rates over the period 1969-1978.
- C. Selected characteristics of motor vehicle accidents.

Note

On January 1, 1978 the reporting criterion for property damage only accidents was raised from \$200 to \$400.

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SUMMARY:

During 1978, there were 186,363 reported motor vehicle accidents, a decrease of 14.7% primarily the result of the increase in the reporting criterion for property damage only accidents from \$200 to \$400. This year, there were increases of 4.1% in fatal accidents and 2.1% in persons killed. Accidents involving personal injuries decreased 1.8% and persons injured decreased 0.7%. Property damage only accidents were down 20.3% from the previous year.

Drivers killed and injured (excluding motorcycle and moped drivers) increased 2.3% and 2.1%. Passengers killed and injured decreased slightly 2.5% and 0.8% respectively.

Motorcycle drivers killed and injured decreased 9.1% and 3.9%. The number of motorcycle passengers killed remained at 17 for both years but injuries were down 13.6%. Bicyclists killed increased 4.2% although there was a decrease of 9.8% in bicyclists injured.

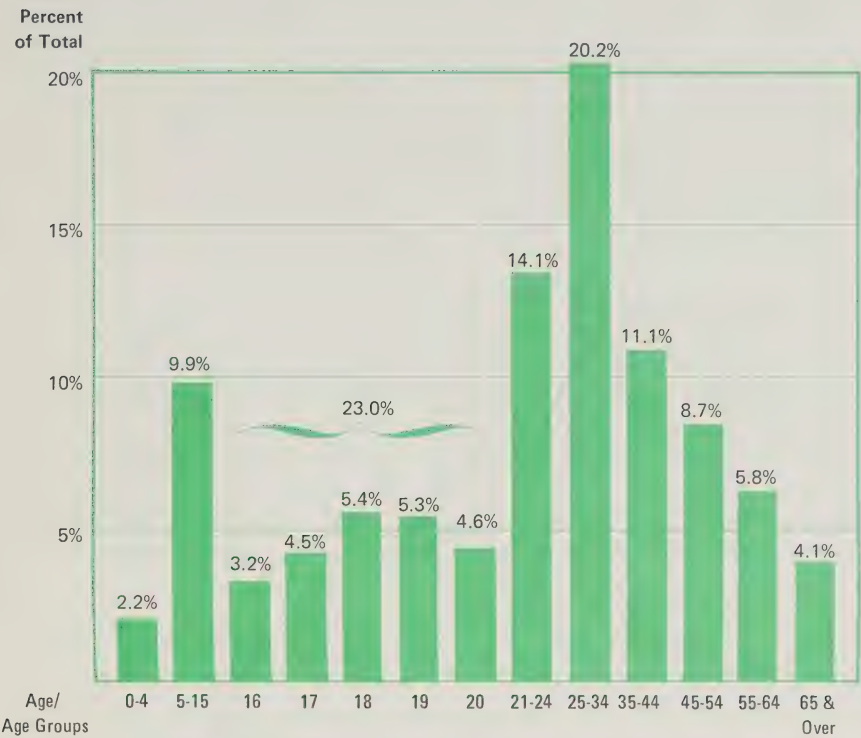
COMPARATIVE STATISTICS 1977-1978			
	1977	1978	% of Change
Total Reportable Motor Vehicle Accidents	218,567	186,363	− 14.7
Fatal Accidents	1,213	1,263	+ 4.1
Personal Injury Accidents	63,787	62,664	− 1.8
Property Damage Only Accidents	153,567	122,436	− 20.3
Persons Killed	1,420	1,450	+ 2.1
Persons Injured	95,664	94,979	− 0.7
Vehicle Accident Rate per Million Kilometres Travelled*	3.3	2.7	− 18.2
Fatal Accident Rate per 100 Million Kilometres Travelled*	1.8	1.8	−
Death Rate per 100 Million Kilometres Travelled*	2.1	2.1	−
Motor Vehicles Registered	4,340,465	4,473,715*	+ 3.1
Millions of Vehicle Kilometres Travelled	66,400**	69,317**	+ 4.4
Ontario Population	8,373,000*	8,444,000 *	+ 0.8
Drivers Licensed	4,562,903	4,725,546	+ 3.6
Amount of Property Damage	\$ 258,950,000	\$ 280,332,000*	+ 8.2
* Estimated			
** Kilometres travelled estimated on the basis of 22.08 kilometres per gallon of taxed gasoline and motor fuel.			

CLASS OF VICTIMS, BY AGE / AGE GROUPS - KILLED - 1978



Victim	Total	Class of Victims, By Age/Age Groups — Killed													
		0-4	5-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65 & Over	Not Stated
Driver	623	—	3	13	26	29	34	32	108	141	77	62	54	43	1
Passenger	383	17	36	19	29	25	27	23	43	38	30	25	28	43	—
Pedestrian	284	14	62	6	4	7	7	10	19	19	16	19	33	66	2
Bicyclist	50	—	32	2	2	—	—	—	2	2	—	1	1	2	6
Moped Driver	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Moped Passenger	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Motorcycle Driver	80	—	4	3	6	10	9	10	22	13	2	—	—	1	—
Motorcycle Passenger	17	—	2	2	—	—	5	2	—	5	1	—	—	—	—
Other	13	1	2	—	1	1	—	—	—	4	3	—	1	—	—
Total	1,450	32	141	45	68	72	82	77	194	222	129	107	117	155	9

CLASS OF VICTIMS, BY AGE / AGE GROUPS – INJURED – 1978



Victim	Total	Class of Victims, By Age/Age Groups — Injured													
		0-4	5-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65 & Over	Not Stated
Driver	46,593	—	104	896	1,674	2,318	2,503	2,156	7,326	12,446	7,121	5,201	3,131	1,656	61
Passenger	34,578	1,676	5,273	1,504	1,934	2,060	1,786	1,548	4,257	5,199	2,838	2,592	1,903	1,655	353
Pedestrian	6,314	410	2,303	172	197	178	135	121	423	629	357	401	384	521	83
Bicyclist	2,961	25	1,463	151	113	115	94	77	204	188	59	37	26	18	391
Moped Driver	92	—	11	8	9	7	7	3	8	10	8	9	8	4	—
Moped Passenger	5	—	2	—	—	1	2	—	—	—	—	—	—	—	—
Motorcycle Driver	3,453	—	75	177	273	335	436	343	980	665	111	35	7	4	12
Motorcycle Passenger	697	2	71	66	81	85	98	73	130	60	19	2	2	1	7
Other	286	7	73	19	18	11	8	13	38	30	12	28	12	12	5
Total	94,979	2,120	9,375	2,993	4,299	5,110	5,069	4,334	13,366	19,227	10,525	8,305	5,473	3,871	912

SUMMARY OF TRENDS IN MOTOR VEHICLE ACCIDENTS AND IN DEATH AND INJURY RATES OVER THE PERIOD

1969 - 1978

SUMMARY:

Between 1969 and the end of 1978, Ontario's population and the number of licensed drivers, motor vehicle registrations and motor vehicle accidents (with the exception of the years 1976 and 1978) were all on the rise. During the past ten years, traffic deaths reached a high of 1,959 in 1973 and although the number of deaths increased slightly this year to 1,450, this is the second lowest fatality total since 1962 when 1,383 persons were killed. The population grew from 8.37 million to 8.44 million. The 1978 death rate of 17.2 per 100,000 population and the 1977 death rate of 17.0 per 100,000 population are the lowest since the year 1946 at which time the population was 4.09 million and the death rate was 16.8.

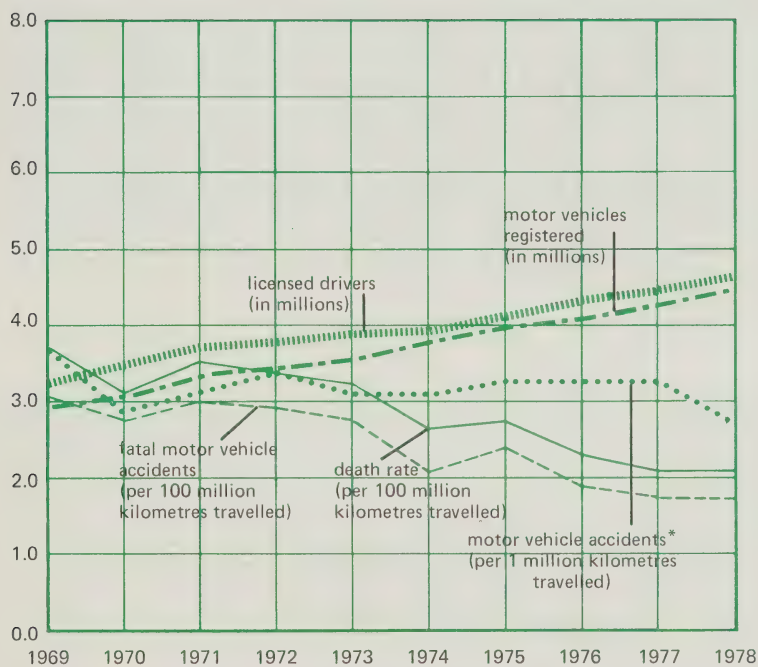
There was a decrease of 685 persons injured during 1978, from 95,664 to 94,979. The 1978 injury rate per 100,000 population decreased to 1,124.8 from the 1977 rate of 1,142.5 and is the second lowest injury rate since 1971.

This year, the number of motor vehicle accidents reported totalled 183,363 a decrease of 14.7%. However, this was due mainly to a change in the accident reporting legislation which raised the property damage criterion from \$200 to \$400 on January 1, 1978. There were increases of 4.1% in fatal accidents and 2.1% in the number of persons killed while personal injury accidents and persons injured decreased 1.8% and 0.7% respectively.

The motor vehicle accident rate per one million kilometres travelled decreased to 2.7 from 3.3 in 1977 but this also is due to the change in the reporting criterion of property damage only accidents. The fatal accident rate and death rate per 100 million kilometres travelled remained the same as in 1977 i.e. 1.8 and 2.1 which are the lowest rates on record since 1955.

The number of kilometres driven in 1978 was estimated at 69,316,667,000 an increase of 4.4% over the 1977 figure of 66,400,445,000.

TRENDS IN MOTOR VEHICLE REGISTRATIONS, LICENSED DRIVERS, MOTOR VEHICLE ACCIDENT RATES, DEATH RATES, FATAL ACCIDENT RATES 1969 - 1978



*On January 1, 1978 the reporting criterion for property damage only accidents was raised from \$200 to \$400.

FATAL ACCIDENTS AND PERSONS KILLED

1969 - 1978



FATAL MOTOR VEHICLE ACCIDENT VICTIMS IN ONTARIO BY CLASS OF ROAD USER - ALL AGES

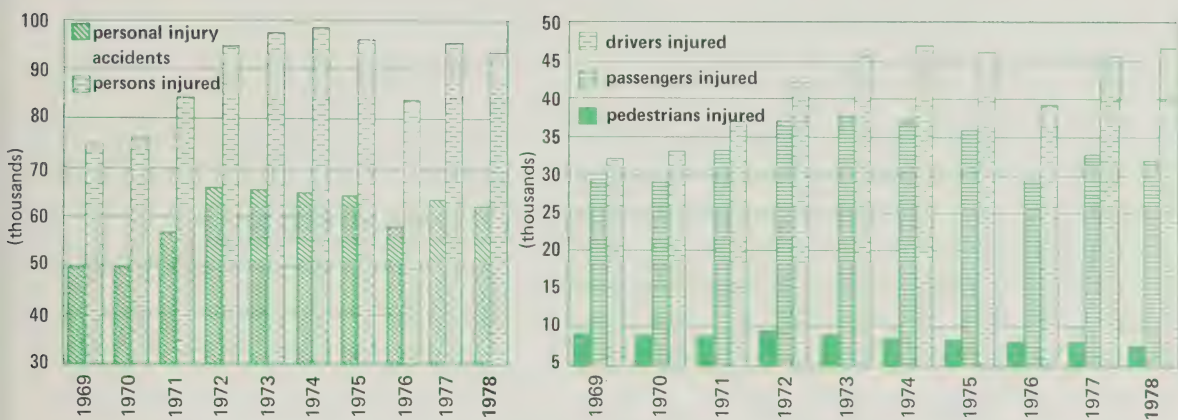
Year	Ontario Population (Est.)	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/ 100,000**	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000
1969	7,385,000	707	13.9	526	7.1	346	4.7	104	1.4	1,683	22.8
1970	7,551,000	633	12.1	437	5.8	365	4.8	100	1.3	1,535	20.3
1971	7,703,000	740	13.8	542	7.0	357	4.6	130	1.7	1,769	23.0
1972	7,834,000	827	15.1	564	7.2	383	4.9	160	2.0	1,934	24.7
1973	7,939,000	830	14.8	600	7.6	346	4.4	183	2.3	1,959	24.7
1974	8,094,000	778	13.4	513	6.3	305	3.8	152	1.9	1,748	21.6
1975	8,226,000	774	13.0	540	6.6	294	3.6	192	2.3	1,800	21.9
1976	8,265,000	648	10.8	461	5.6	251	3.0	151	1.8	1,511	18.3
1977	8,373,000	609	10.1	393	4.7	252	3.0	166	2.0	1,420	17.0
1978	8,444,000	623	9.9	383	4.5	284	3.4	160	1.9	1,450	17.2

*Excludes motorcycle passengers. (Motorcycle passengers included with "all others". Totals and rates revised).

**Rate per 100,000 population 16 years of age and over.

PERSONAL INJURY ACCIDENTS AND PERSONS INJURED

1969 - 1978



NON-FATAL MOTOR VEHICLE ACCIDENT VICTIMS IN ONTARIO BY CLASS OF ROAD USER – ALL AGES

Year	Ontario Population (Est.)	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/ 100,000**	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000
1969	7,385,000	32,928	648.0	29,730	402.6	7,610	103.0	4,634	62.7	74,902	1,014.2
1970	7,551,000	33,007	628.1	29,615	392.2	7,538	99.8	4,966	65.8	75,126	994.9
1971	7,703,000	37,936	709.6	33,519	435.1	7,508	97.5	5,687	73.8	84,650	1,098.9
1972	7,834,000	43,910	801.5	37,001	472.3	7,941	101.4	6,329	80.8	95,181	1,215.0
1973	7,939,000	46,414	826.8	37,093	467.2	7,603	95.8	6,680	84.1	97,790	1,231.8
1974	8,094,000	46,621	806.1	37,020	457.4	7,444	92.0	7,588	93.7	98,673	1,219.1
1975	8,226,000	45,847	772.7	35,658	433.5	7,299	88.7	8,230	100.0	97,034	1,179.6
1976	8,265,000	39,631	659.8	29,553	357.6	7,218	87.3	7,334	88.7	83,736	1,013.1
1977	8,373,000	45,620	756.7	34,854	416.3	6,998	83.6	8,192	97.8	95,664	1,142.5
1978	8,444,000	46,953	746.8	34,578	409.5	6,314	74.8	7,494	88.7	94,979	1,124.8

*Excludes motorcycle passengers. (Motorcycle passengers included with "all others". Totals and rates revised).

**Rate per 100,000 population 16 years of age and over.

MOTOR VEHICLE ACCIDENTS INVOLVING SCHOOL VEHICLES – SCHOOL YEARS 1968-69 – 1977-78

School Year	Pupils Transported Daily	Total Number of Accidents (1)	PUPIL FATALITIES/PERSONAL INJURIES				Injury Rate Per 100,000 Pupils	
			Crossing Road (2)	Within School Vehicle	Other	Total	Fatal	Non-Fatal
1968-69	447,638	559	3/10	2/152	2/17	7/179	1.6	40
1969-70	478,224	383	4/12	2/109	1/5	7/126	1.5	26
1970-71	523,284	490	0/21	1/151	2/36*	3/208	0.6	40
1971-72	545,046	508	0/9	1/153	1/19	2/181	0.4	33
1972-73	558,549	542	0/9	0/233**	3‡/18	3/260	0.6	47
1973-74	592,026	575	1/6	0/364***	0/17	1/387	0.2	65
1974-75	578,817	622	4/19	2/205	0/28	6/252	1.1	45
1975-76	594,410	727	2/14	2/155	1/24	5/193	0.8	32
1976-77	600,082	793	0/10	0/247‡‡	1/10	1/267	0.2	44
1977-78	601,583	866	1/19	0/259‡‡‡	2/18	3/296	0.5	49

MOTOR VEHICLE ACCIDENT STATISTICS INVOLVING SCHOOL VEHICLES – SCHOOL YEARS 1976-77 – 1977-78

Type Of School Vehicle	Nature of Accident				Total Number of Accidents (1)	PUPIL FATALITIES/PERSONAL INJURIES						Total Fatalities/ Injuries
						Crossing Road (2)		Within School Vehicle		Other		
	Fatal	Pupil Injury	Non- Pupil Injury	Property Damage		Fatal- ities	Personal Injuries	Fatal- ities	Personal Injuries	Fatal- ities	Personal Injuries	
1976-77												
School Bus	—	75	133	517	725	—	10	—	231++	—	10	251
Van	1	8	11	32	52	—	—	—	11	1	—	1/11
Station Wagon	—	4	—	7	11	—	—	—	5	—	—	5
Other Buses	—	—	—	5	5	—	—	—	—	—	—	—
Total	1	87	144	561	793	—	10	—	247	1	10	1/267
1977-78												
School Bus	9	73	161	553	796	1	17	—	229+++	2	18	3/264
Van	—	8	6	37	51	—	2	—	25	—	—	27
Station Wagon	—	1	2	3	6	—	—	—	2	—	—	2
Other Buses	—	2	1	10	13	—	—	—	3	—	—	3
Total	9	84	170	603	866	1	19	—	259	2	18	3/296

(1) Accidents involving a school vehicle directly or indirectly while transporting pupils to or from school.

(2) Pupil struck by approaching vehicle (excluding school vehicle) while waiting to board school vehicle, crossing road to board or after leaving school vehicle.

* Includes one accident resulting in fifteen pupil injuries.

** Includes 3 separate accidents resulting in a total of fifty-six pupil injuries (27, 17, 12).

*** Includes 6 separate accidents resulting in a total of 195 pupil injuries (46, 39, 35, 32, 25, 18).

‡ Includes one school age pedestrian who ran across a street into the path of an oncoming bus; two pupils, after being-discharged were fatally injured by school buses while attempting to cross the streets in front of the buses.

‡‡ Includes 7 separate accidents resulting in a total of 124 pupil injuries (48, 19, 13, 13, 11, 10, 10).

‡‡‡ Includes 7 separate accidents resulting in a total of 156 pupil injuries (36, 35, 25, 18, 16, 14, 12).

MOTORCYCLE ACCIDENT STATISTICS

During 1978, the number of motorcycle drivers killed and injured decreased 9.1% and 3.9% respectively. Although the number of motorcycle passenger fatalities remained at 17 for both years, injuries were down 13.6%, from 807 in 1977 to 697 this year.

The motorcycle driver fatality rate per 100,000 drivers decreased from 42.6 in 1977 to 36.2 in 1978. The motorcycle driver injury rate per 100,000 drivers decreased from 1,744.7 in 1977 to 1,562.4 this year.

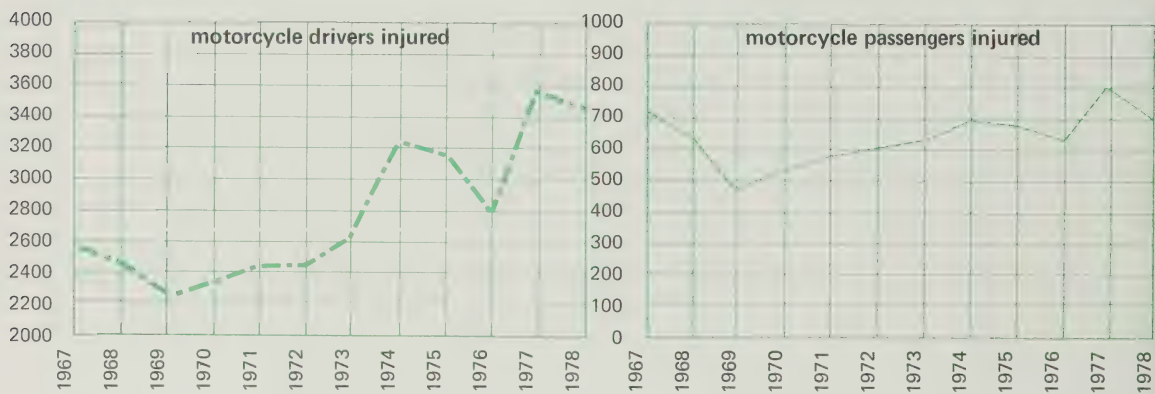
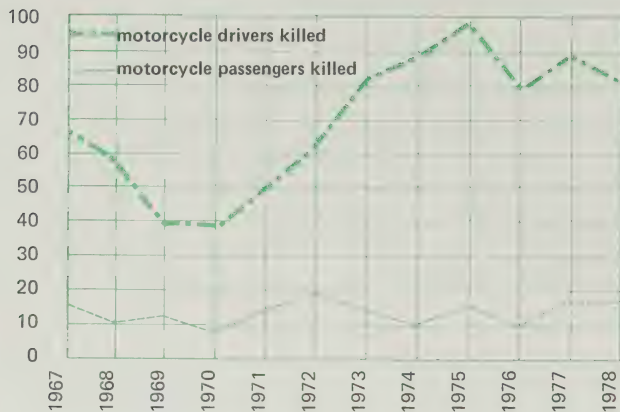
The number of licensed drivers authorized to operate motorcycles increased 7.1% from 206,415 in 1977 to 220,999 in 1978. Motorcycle registrations were up an estimated 3.7% from 82,934 in 1977 to 85,988 this year.

MOTORCYCLE REGISTRATIONS AND LICENSED MOTORCYCLISTS 1967 - 1978



MOTORCYCLISTS KILLED AND INJURED

1967 - 1978



MOTORCYCLISTS KILLED AND INJURED**

Year								
	Drivers		% Change Re: 1967		Passengers		% Change Re: 1967	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
1967	66	2,595	—	—	15	713	—	—
1968*	55	2,448	−16.7	− 5.7	10	637	−33.3	−10.7
1969	40	2,228	−39.4	−14.1	11	469	−26.7	−34.2
1970	39	2,348	−40.9	− 9.5	8	530	−46.7	−25.7
1971	51	2,418	−22.7	− 6.8	15	597	—	−16.3
1972	66	2,424	—	− 6.6	17	605	+13.3	−15.2
1973	84	2,623	+27.3	+ 1.1	16	623	+ 6.7	−12.6
1974	86	3,260	+30.3	+25.6	13	708	−13.3	− 0.7
1975	97	3,181	+47.0	+22.6	16	679	+ 6.7	− 4.8
1976	78	2,818	+18.2	+ 8.6	10	648	−33.3	− 9.1
1977	88	3,594	+33.3	+38.5	17	807	+13.3	+13.2
1978	80	3,453	+21.2	+33.1	17	697	—	− 2.2

* Amendments to the Highway Traffic Act in 1968 required motorcyclists to wear approved safety helmets.

** Excludes moped drivers and passengers.

MOTOR VEHICLE ACCIDENTS BY PLACE OF OCCURRENCE

1969 - 1978

FATAL ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1969	425	106	530	349	1,410
1970	400	119	486	295	1,300
1971	458	128	534	378	1,498
1972	473	105	673	369	1,620
1973	404	132	606	483	1,625
1974	385	118	565	402	1,470
1975	487	143	537	353	1,520
1976	366	89	467	343	1,265
1977	389	70	415	339	1,213
1978	433	95	418	317	1,263

PERSONAL INJURY ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1969	32,297	2,059	8,217	7,563	50,136
1970	32,230	2,899	7,677	7,566	50,372
1971	34,794	1,846	10,421	9,056	56,117
1972	39,685	3,861	10,137	9,858	63,541
1973	37,067	3,780	10,351	14,137	65,335
1974	33,573	3,780	10,097	18,902	66,352
1975	32,923	3,955	10,085	18,848	65,811
1976	29,243	3,037	8,412	17,336	58,028
1977	34,540	3,652	9,364	16,231	63,787
1978	41,207	4,071	8,779	8,607	62,664

ALL MOTOR VEHICLE ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1969	110,933	9,192	25,888	23,382	169,395
1970	92,091	8,394	21,890	19,234	141,609**
1971	100,479	9,070	24,222	25,060	158,831
1972	123,366	8,786	29,713	27,629	189,494
1973	114,170	11,333	26,882	40,636	193,021
1974	108,552	11,562	27,495	56,662	204,271
1975	112,358	12,693	28,465	60,173	213,689
1976	113,199	11,165	26,028	61,473	211,865
1977	127,764	12,470	26,570	51,763	218,567
1978	128,595	11,963	22,339	23,466	186,363***

*Includes Secondary Highways.

**Minimum reportable property damage amount changed from over \$100 to over \$200 on January 1, 1970.

***Minimum reportable property damage amount changed from over \$200 to over \$400 on January 1, 1978;

MOTOR VEHICLE ACCIDENTS BY TYPE (BASED ON INITIAL IMPACT)

1969 - 1978

FATAL ACCIDENTS INVOLVING

Year	Single Motor Vehicle	Motor Vehicle And								Total
		Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor ⁺	Animal	Other [‡]	
1969	423	563	327	40	42	2	—	—	13	1,410
1970	344	525	336	41	32	—	1	6	15	1,300
1971	442	611	335	51	34	—	1	7	17	1,498
1972	444	666	364	65	43	—	4	5	29	1,620
1973	488	676	321	69	42	1	8	3	17	1,625
1974	457	630	288	45	34	—	3	4	9	1,470
1975	480	651	273	64*	22	2	6	7	15	1,520
1976	376	567	228	46	28	2	2	1	15	1,265
1977	379	512	235	47	22	—	6	2	10	1,213
1978	378	526	263	49	28	—	6	2	11	1,263

PERSONAL INJURY ACCIDENTS INVOLVING

Year	Single Motor Vehicle	Motor Vehicle And								Total
		Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor ⁺	Animal	Other [‡]	
1969	11,803	28,838	6,951	1,759	143	119	—	196	327	50,136
1970	11,463	29,265	6,891	1,869	136	102	59	223	364	50,372
1971	13,163	32,407	6,699	2,472	142	92	77	230	835	56,117
1972	15,203	36,822	7,060	3,120	141	80	101	233	781	63,541
1973	16,733	37,564	6,827	3,329	131	89	90	237	335	66,335
1974	17,515	37,831	6,680	3,446	137	118	83	253	289	66,352
1975	17,274	36,914	6,570	4,218*	125	131	101	265	213	65,811
1976	14,700	32,682	6,502	3,432	116	84	76	192	244	58,028
1977	16,155	37,530	6,243	3,182	98	108	82	211	178	63,787
1978	16,093	37,406	5,614	2,881	94	82	85	229	180	62,664

ALL MOTOR VEHICLE ACCIDENTS INVOLVING

Year	Single Motor Vehicle	Motor Vehicle And								Total
		Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor ⁺	Animal	Other [‡]	
1969	34,409	121,865	7,278	1,815	374	434	—	1,658	1,562	169,395
1970	28,511	101,011	7,227	1,918	320	275	145	1,317	885	141,609
1971	32,167	112,671	7,037	2,541	366	298	219	1,402	2,130	158,831
1972	39,033	135,500	7,438	3,217	390	287	250	1,397	1,982	189,494
1973	41,965	137,039	7,161	3,412	322	353	254	1,554	961	193,021
1974	45,720	144,447	6,977	3,508	366	412	224	1,892	725	204,271
1975	48,283	150,252	6,860	4,328*	328	536	306	2,159	637	213,689
1976	44,422	153,559	6,739	3,497	321	455	316	1,792	764	211,865
1977	44,457	160,866	6,482	3,271	275	462	294	1,879	581	218,567
1978	40,332	134,590	5,881	2,969	237	311	234	1,361	448	186,363

* Includes Moped Driver.

+ Included with Other 1969.

‡ Includes Horse Drawn Vehicles.

SELECTED CHARACTERISTICS OF MOTOR VEHICLE ACCIDENTS

SUMMARY: The following tables present motor vehicle accident information in relation to selected driver, vehicle, pedestrian and road characteristics. Listings of accidents by various geographic areas of the province are included.

CONDITION OF DRIVER								
Condition	All Accidents				Fatal Accidents			
	1977*	%	1978	%	1977*	%	1978	%
Apparently Normal	315,910	83.8	269,900	83.3	985	53.5	1,147	60.7
Ability Impaired By Alcohol	10,318	2.7	9,309	2.9	298	16.2	292	15.4
Had Been Drinking	20,446	5.4	18,803	5.8	230	12.5	251	13.3
Other	2,645	0.7	2,422	0.7	21	1.1	20	1.0
Not Known	27,602	7.3	23,569	7.3	306	16.6	181	9.6
Total	376,921	100.0	324,003	100.0	1,840	100.0	1,891	100.0

RECORDED OCCURRENCE OF ALCOHOL IN DRIVERS KILLED				
Recorded Occurrence	Number of Drivers**			
	1977	%	1978	%
Apparently Normal	230	42.4	300	50.0
Ability Impaired By Alcohol	244	44.9	216	36.0
Had Been Drinking	69	12.7	84	14.0
Total	543	100.0	600	100.0

*Revised

**Excludes cases where alcohol usage information was not provided.

**LICENSED DRIVERS AS COMPARED WITH DRIVERS INVOLVED IN
MOTOR VEHICLE ACCIDENTS – BY AGE / AGE GROUPS
1977 - 1978**

Drivers Age/ Age Groups	DRIVERS						% of Drivers of Each Age/Age Groups Involved in Accidents 1978		
	Licensed — 1978			Involved in Accidents — 1978					
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 16	—	—	—	530	87	617	—	—	—
16	20,375	8,799	29,174	5,174	1,174	6,348	25.4	13.3	21.8
17	51,981	30,845	82,826	9,279	2,109	11,388	17.8	6.8	13.7
18	64,384	41,714	106,098	12,137	2,585	14,722	18.8	6.2	13.9
19	68,878	46,953	115,831	12,738	2,792	15,530	18.5	5.9	13.4
20	70,822	49,771	120,593	11,413	2,596	14,009	16.1	5.2	11.6
21 - 24	286,677	218,504	505,181	37,592	9,690	47,282	13.1	4.4	9.4
25 - 34	687,891	543,953	1,231,844	61,802	19,099	80,901	9.0	3.5	6.6
35 - 44	507,783	375,156	882,939	36,779	11,944	48,723	7.2	3.2	5.5
45 - 54	452,631	296,719	749,350	27,939	8,264	36,203	6.2	2.8	4.8
55 - 64	332,906	208,122	541,028	17,492	4,747	22,239	5.2	2.3	4.1
65 & Over	245,555	115,127	360,682	9,423	2,299	11,722	3.8	2.0	3.2
Not Known	—	—	—	—	—	14,319	—	—	—
Total	2,789,883	1,935,663	4,725,546	242,298	67,386	324,003	—	—	—

Drivers Age/ Age Groups	DRIVERS						% of Drivers of Each Age/Age Groups Involved in Accidents 1977		
	Licensed — 1977			Involved in Accidents — 1977*					
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 16	—	—	—	523	74	597	—	—	—
16	20,797	8,144	28,941	5,573	1,225	6,798	26.8	15.0	23.5
17	52,454	28,582	81,036	10,373	2,305	12,678	19.8	8.1	15.6
18	64,491	38,521	103,012	13,496	2,830	16,326	20.9	7.3	15.8
19	69,687	44,345	114,032	14,060	3,012	17,072	20.2	6.8	15.0
20	69,216	47,754	116,970	13,211	2,995	16,206	19.1	6.3	13.8
21 - 24	280,193	207,659	487,852	43,350	10,932	54,282	15.5	5.3	11.1
25 - 34	673,235	514,935	1,188,170	74,220	21,558	95,778	11.0	4.2	8.1
35 - 44	493,684	353,043	846,727	43,142	13,482	56,624	8.7	3.8	6.7
45 - 54	448,942	290,305	739,247	33,897	9,730	43,627	7.6	3.4	5.9
55 - 64	321,964	195,939	517,903	20,893	5,617	26,510	6.5	2.9	5.1
65 & Over	234,000	105,013	339,013	11,220	2,716	13,936	4.8	2.6	4.1
Not Known	—	—	—	—	—	16,487	—	—	—
Total	2,728,663	1,834,240	4,562,903	283,958	76,476	376,921	—	—	—

* Revised

DRIVER CONDITION BY AGE / AGE GROUPS AND APPARENT DRIVER ACTION IN ALL MOTOR VEHICLE ACCIDENTS

1977* - 1978

DRIVER CONDITION BY AGE/AGE GROUPS IN ALL MOTOR VEHICLE ACCIDENTS 1977-1978

Age Group	Normal		Ability Impaired-Alcohol		Had Been Drinking		Other		Not Known		Total	
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978
Under 16	455	448	13	13	43	45	21	21	84	90	597	617
16	6,125	5,682	69	69	308	314	43	47	261	236	6,798	6,348
17	11,100	9,866	242	228	760	803	94	95	487	396	12,678	11,388
18	13,564	12,170	436	434	1,573	1,457	138	125	620	536	16,326	14,722
19	14,157	12,646	517	500	1,655	1,681	150	160	598	543	17,072	15,530
20	13,490	11,540	538	485	1,499	1,374	139	127	540	483	16,206	14,009
21 - 24	45,941	39,552	1,758	1,623	4,297	4,083	409	394	1,882	1,630	54,282	47,282
25 - 34	84,282	70,895	2,745	2,456	5,158	4,670	591	521	3,019	2,359	95,778	80,901
35 - 44	50,482	43,329	1,715	1,566	2,481	2,161	323	285	1,631	1,382	56,624	48,723
45 - 54	39,194	32,488	1,360	1,145	1,562	1,347	268	237	1,248	986	43,627	36,203
55 - 64	24,058	20,270	709	606	816	628	209	185	725	550	26,510	22,239
65 & Over	12,877	10,842	192	170	254	223	246	210	370	277	13,936	11,722
Not Known	185	172	24	14	40	17	14	15	16,137	14,101	16,487	14,319
Total	315,910	269,900	10,318	9,309	20,446	18,803	2,645	2,422	27,602	23,569	376,921	324,003

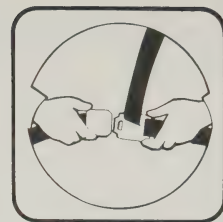
APPARENT DRIVER ACTION IN ALL MOTOR VEHICLE ACCIDENTS 1977-1978

Action	1977*	% Of Total	1978	% Of Total
Driving Properly	164,974	43.8	140,582	43.4
Following Too Close	18,376	4.9	15,413	4.8
Speed Too Fast	33,778	9.0	29,637	9.1
Improper Turn	13,727	3.6	11,766	3.6
Disobey Traffic Signal	6,005	1.6	5,929	1.8
Disobey Stop Sign	4,549	1.2	4,379	1.4
Fail to Yield Right of Way	39,409	10.4	33,989	10.5
Improper Passing	5,966	1.6	4,696	1.4
Lost Control	26,748	7.1	24,250	7.5
Wrong Way On One-Way Road	369	0.1	330	0.1
Not Known	33,973	9.0	28,936	8.9
Other**	29,047	7.7	24,096	7.4
Total	376,921	100.0	324,003	100.0

* Revised

** Includes actions defined as Careless Driving, Inattentive Driving, Fell Asleep, Hit and Run, On Wrong Side of Road, Improper Parking, Impaired, Illegally Parked, Dangerous Driving, Inexperience, etc.

DRIVER SEAT BELT USAGE BY NATURE OF INJURY 1977 - 1978



DRIVER SEAT BELT USAGE BY NATURE OF INJURY – 1978*

Nature of Injury	Installed – Not In Use		Installed – In Use		Installed Use Unknown		Not Installed		Not Known		Total	
	1978	%	1978	%	1978	%	1978	%	1978	%	1978	%
Killed	336	1.23	154	0.06	91	1.2	19	0.2	23	0.1	623	0.2
Injured	7,544	27.7	35,458	13.7	1,746	23.6	1,367	15.8	478	2.7	46,593	14.6
Not Injured	19,395	71.1	222,966	86.2	5,553	75.1	7,275	84.0	17,410	97.2	272,599	85.2
Total	27,275	100.0	258,578	100.0	7,390	100.0	8,661	100.0	17,911	100.0	319,815	100.0

*Excludes Motorcycle and Moped Drivers

Note: Mandatory usage of seat belts came into effect on January 1, 1976.

DRIVER SEAT BELT USAGE BY NATURE OF INJURY – 1977*

Nature of Injury	Installed – Not In Use		Installed – In Use		Installed Use Unknown		Not Installed		Not Known		Total	
	1977	%	1977	%	1977	%	1977	%	1977	%	1977	%
Killed	346	0.79	114	0.04	105	1.5	33	0.2	11	0.1	609	0.2
Injured	9,213	21.2	32,630	11.4	1,399	20.4	1,883	13.1	495	2.3	45,620	12.2
Not Injured	33,847	78.0	254,130	88.6	5,363	78.1	12,416	86.7	20,901	97.6	326,657	87.6
Total	43,406	100.0	286,874	100.0	6,867	100.0	14,332	100.0	21,407	100.0	372,886	100.0

*Excludes Motorcycle and Moped Drivers

In 1978, 80.8% of the drivers involved in motor vehicle accidents were using their seat belts and 8.5% were not using them as compared to 76.9% of the drivers in 1977 who were using their seat belts and 11.6% were not.

During 1978, there were 2.3% more driver fatalities and drivers injured increased by 2.1%. Out of the 27,275 drivers who had seat belts installed but not using them 1.23% (336) were killed, 27.7% (7,544) were injured and 71.1% (19,395) were not injured. In comparison, 0.06% (154) of the 258,578 drivers who were using their seat belts were killed, 13.7% (35,458) were injured and 86.2% (222,966) were not injured.

PASSENGER SEAT BELT USAGE BY NATURE OF INJURY 1977 - 1978

PASSENGER SEAT BELT USAGE BY NATURE OF INJURY – 1978*

Nature of Injury	Installed – Not In Use		Installed – In Use		Installed Use Unknown		Not Installed		Not Known		Total	
	1978	%	1978	%	1978	%	1978	%	1978	%	1978	%
Killed	214	0.91	91	0.07	42	0.6	25	0.2	11	0.2	383	0.2
Injured	7,527	32.1	21,604	15.8	1,240	17.4	3,835	25.9	372	7.1	34,578	18.4
Not Injured	15,736	67.0	115,218	84.1	5,852	82.0	10,950	73.9	4,845	92.7	152,601	81.4
Total	23,477	100.0	136,913	100.0	7,134	100.0	14,810	100.0	5,228	100.0	187,562	100.0

*Excludes Motorcycle and Moped Passengers

Note: Mandatory usage of seat belts came into effect on January 1, 1976.

PASSENGER SEAT BELT USAGE BY NATURE OF INJURY – 1977*

Nature of Injury	Installed – Not In Use		Installed – In Use		Installed Use Unknown		Not Installed		Not Known		Total	
	1977	%	1977	%	1977	%	1977	%	1977	%	1977	%
Killed	224	0.65	57	0.04	59	0.9	42	0.2	11	0.1	393	0.2
Injured	8,728	25.4	20,190	13.2	927	14.3	4,635	22.2	374	5.1	34,854	15.7
Not Injured	25,410	73.9	132,806	86.8	5,510	84.8	16,194	77.6	7,000	94.8	186,920	84.1
Total	34,362	100.0	153,053	100.0	6,496	100.0	20,871	100.0	7,385	100.0	222,167	100.0

*Excludes Motorcycle and Moped Passengers

In 1978, 73.0% of the passengers involved in motor vehicle accidents were using their seat belts and 12.5% were not as compared to 68.9% of the passengers in 1977 who were using their seat belts and 15.5% were not.

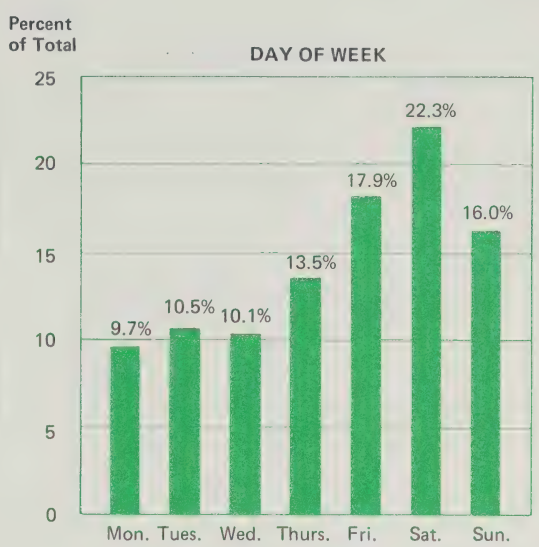
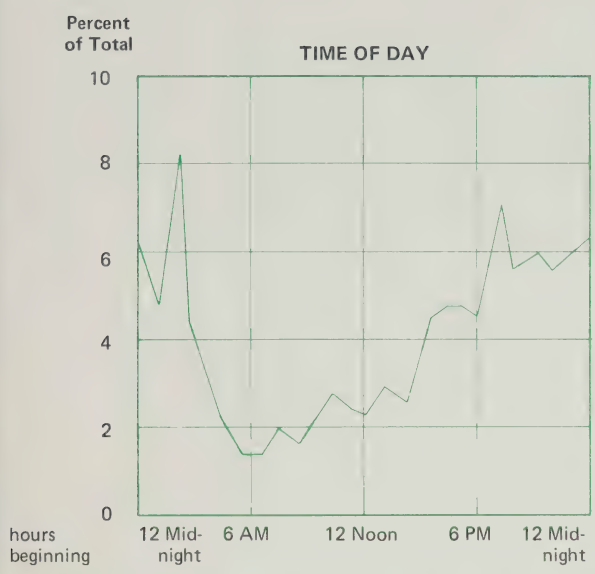
This year, there were 2.5% fewer passenger fatalities and 0.8% fewer passenger injuries. Out of the 23,477 passengers who had seat belts installed but were not using them 0.91% (214) were killed, 32.1% (7,527) were injured and 67.0% (15,736) were not injured. In comparison 0.07% (91) of the 136,913 passengers who were using their seat belts were killed, 15.8% (21,604) were injured and 84.1% (115,218) were not injured.

ACTIONS AND CONDITIONS OF PEDESTRIANS KILLED AND INJURED 1977 - 1978

ACTIONS OF PEDESTRIANS KILLED AND INJURED 1977 - 1978				
Action	1977		1978	
	Killed	Injured	Killed	Injured
Crossing Intersection [*] With Right of Way	8	1,000	7	903
Crossing Intersection Without Right of Way	7	436	11	392
Crossing Intersection No Traffic Control	12	158	12	150
Crossing Pedestrian Crossover	3	288	6	238
Walking on Roadway With Traffic	32	293	30	268
Walking on Roadway Against Traffic	10	196	16	159
On Sidewalk or Shoulder	8	453	19	416
Coming from Behind Parked Vehicle or Object	5	192	5	506
Playing or Working on Highway	10	609	5	148
Running into Roadway	49	1,603	51	1,374
Crossing Through Traffic	64	859	64	791
Other	44	911	58	969
Total	252	6,998	284	6,314

CONDITION OF PEDESTRIANS KILLED AND INJURED 1977 - 1978				
Condition	1977		1978	
	Killed	Injured	Killed	Injured
Normal	107	5,706	158	5,114
Had Been Drinking	19	463	19	416
Ability Impaired by Alcohol	54	143	43	129
Ability Impaired by Drugs	—	12	1	4
Fatigue	1	8	—	6
Medical or Physical Defect	11	89	5	92
Not Known	59	503	56	487
Other	1	74	2	66
Total	252	6,998	284	6,314

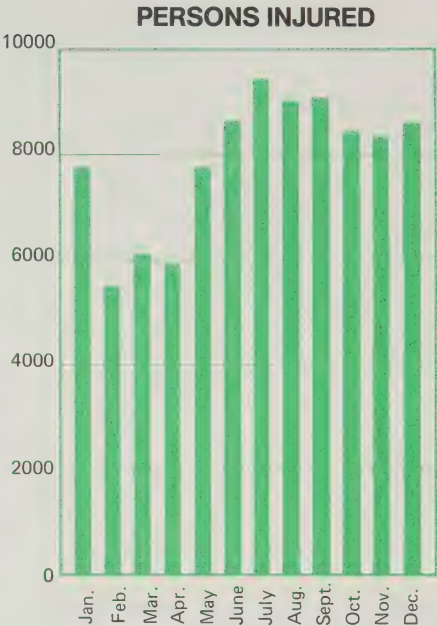
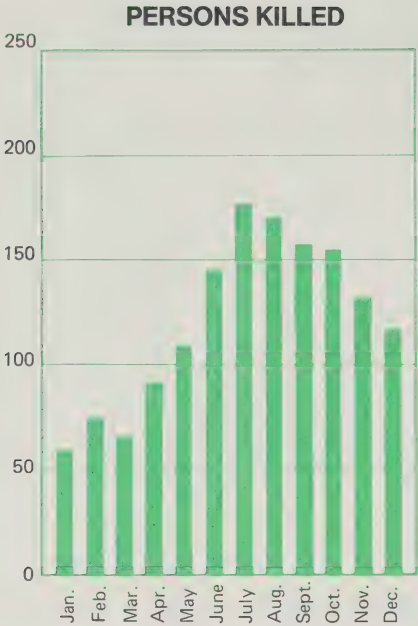
PERSONS KILLED BY TIME OF DAY AND WEEK 1978



PERSONS KILLED BY TIME OF DAY AND DAY OF WEEK									
Time	Total	%	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Sun.
12 — 01 AM	68	4.7	3	3	3	10	5	23	21
01 — 02 "	121	8.3	1	9	11	13	15	30	42
02 — 03 "	61	4.2	1	3	3	1	10	21	22
03 — 04 "	33	2.3	—	2	2	1	2	14	12
04 — 05 "	24	1.7	—	1	2	3	2	10	6
05 — 06 "	25	1.7	3	—	1	—	1	18	2
06 — 07 "	29	2.0	2	4	2	11	3	4	3
07 — 08 "	26	1.8	5	7	2	4	6	1	1
08 — 09 "	31	2.1	4	4	7	5	4	5	2
09 — 10 "	44	3.0	3	4	7	9	8	8	5
10 — 11 "	37	2.6	7	4	5	8	4	7	2
11 — 12 "	36	2.5	5	5	6	9	2	4	5
12 — 01 PM	45	3.1	4	3	6	10	6	9	7
01 — 02 "	39	2.7	4	4	6	5	10	7	3
02 — 03 "	70	4.8	12	6	8	10	14	9	11
03 — 04 "	76	5.2	9	15	4	6	17	21	4
04 — 05 "	76	5.2	13	15	9	10	12	11	6
05 — 06 "	73	5.0	10	3	6	7	19	14	14
06 — 07 "	103	7.1	11	7	7	19	19	23	17
07 — 08 "	80	5.5	5	16	11	8	11	20	9
08 — 09 "	87	6.0	13	7	8	19	15	13	12
09 — 10 "	79	5.5	4	5	9	11	28	14	8
10 — 11 "	85	5.9	6	14	15	6	19	11	14
11 — 12 "	89	6.1	14	11	4	8	25	23	4
Unknown	13	0.9	1	—	2	3	3	4	—
Total	1,450	100.0	140	152	146	196	260	324	232

PERSONS KILLED AND INJURED BY MONTH OF OCCURRENCE

1978



PERSONS KILLED AND INJURED BY MONTH OF OCCURRENCE		
Month	Killed	Injured
January	61	7,774
February	73	5,730
March	64	6,047
April	92	5,956
May	111	7,745
June	146	8,589
July	176	9,376
August	164	9,114
September	159	9,168
October	156	8,407
November	132	8,410
December	116	8,663
Total	1,450	94,979

TYPE AND CONDITION OF VEHICLES INVOLVED IN ALL ACCIDENTS

1978

TYPE OF VEHICLE INVOLVED IN ALL ACCIDENTS – 1978

Type of Vehicle	In All Accidents	In Fatal	In Personal Injury	In Property Damage
Passenger Car	273,695	1,349	87,661	184,685
Passenger Car & Trailer	832	8	232	592
Truck	42,630	327	12,984	29,319
Truck & Trailer	692	12	200	480
Tractor & Semi-Trailer	5,390	107	1,655	3,628
Motorcycle	4,202	99	3,780	323
Bus	2,449	15	848	1,586
School Bus	899	6	277	616
Other – Or Not Known	11,214	11	1,963	9,240
Non Motor Vehicle	4,534	101	3,542	891
Total	346,537	2,035	113,142	231,360

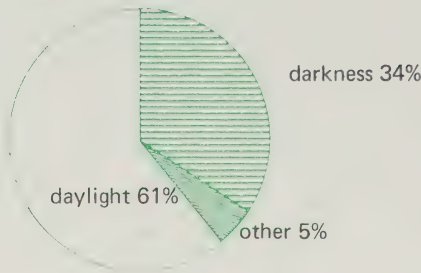
TYPE AND CONDITION OF VEHICLES INVOLVED – ALL ACCIDENTS – 1978

Condition	Passenger Car	Passenger Car & Trailer	Truck	Truck & Trailer	Tractor Semi-Trailer	Motorcycle	Bus	School Bus	Other Motor Vehicle	Non Motor Vehicle	Total
No Apparent Defect	262,229	717	39,999	552	4,844	3,892	2,374	869	860	3,954	320,290
Service Brakes Defective	900	1	336	10	86	32	13	6	3	85	1,472
Steering Defective	274	—	76	2	12	11	2	—	1	10	388
Tire Puncture or Blow Out	901	17	204	10	60	36	3	—	3	1	1,235
Tire Tread Insufficient	704	1	123	3	8	11	1	2	—	—	853
Headlamps Defective	93	—	28	—	1	22	—	—	7	40	191
Other Lamps or Reflectors Defective	237	12	130	7	20	4	—	2	4	41	457
Engine Controls Defective	433	1	75	2	7	11	1	2	—	8	540
Wheels or Suspension Defective	141	11	82	7	30	12	2	—	2	4	291
Vision Obscured	168	—	39	—	3	—	—	3	1	4	218
Trailer Hitch Defective	—	36	—	54	36	—	—	—	11	3	140
Other Defects	1,262	23	358	32	124	45	16	6	41	98	2,005
Not Known	6,353	13	1,180	13	159	126	37	9	10,281	286	18,457
Total	273,695	832	42,630	692	5,390	4,202	2,449	899	11,214	4,534	346,537

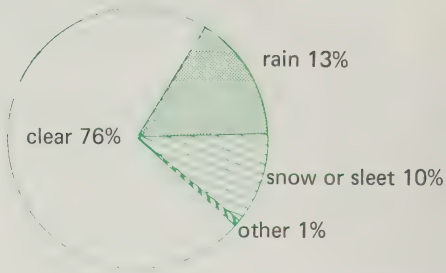
ALL ACCIDENTS – 1978 – LIGHT CONDITION, VISIBILITY

AND ROAD LOCATION

LIGHT CONDITION



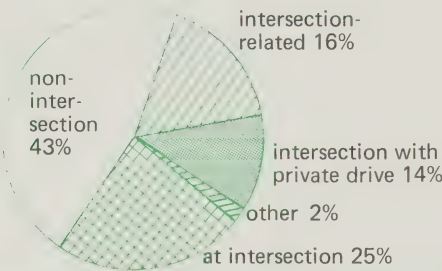
VISIBILITY



Light Condition	Total	Fatal	Personal Injury	Property Damage
Daylight	113,794	559	37,530	75,705
Dawn	1,991	17	647	1,327
Dusk	7,003	37	2,294	4,672
Darkness	63,575	650	22,193	40,732
Total	186,363	1,263	62,664	122,436

Visibility	Total	Fatal	Personal Injury	Property Damage
Clear	140,787	1,048	48,741	90,998
Rain	24,109	119	8,058	15,932
Snow or Sleet	18,998	61	4,970	13,967
Fog, Mist, Smoke, or Dust	2,469	35	895	1,539
Total	186,363	1,263	62,664	122,436

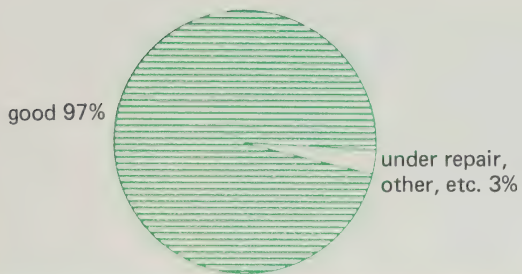
ROAD LOCATION



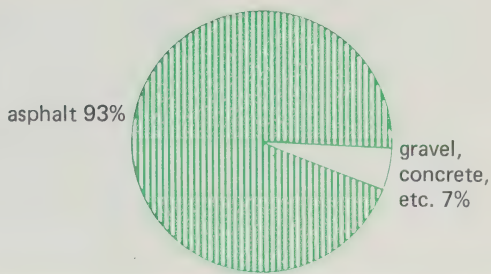
Road Location	Total	Fatal	Personal Injury	Property Damage
Non-Intersection	79,874	839	27,392	51,643
Intersection-Related	29,937	70	10,101	19,766
At Intersection	46,615	202	16,586	29,827
Intersection with Private Drive	26,503	90	7,304	19,109
At Railroad Crossing	733	29	259	445
Underpass or Tunnel	406	1	131	274
Overpass or Bridge	1,790	25	681	1,084
Other	505	7	210	288
Total	186,363	1,263	62,664	122,436

ALL ACCIDENTS – 1978 – ROAD TYPE, ROAD CONDITION AND ROAD SURFACE CONDITION

ROAD CONDITION



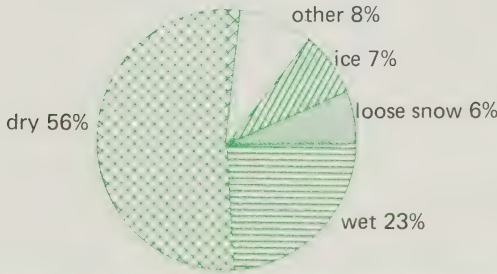
ROAD TYPE



Road Condition	Total	Fatal	Personal Injury	Property Damage
Good	180,788	1,235	60,815	118,738
Under Repair	852	2	320	530
Under Const.	1,580	11	561	1,008
Other	3,143	15	968	2,160
Total	186,363	1,263	62,664	122,436

Road Type	Total	Fatal	Personal Injury	Property Damage
Asphalt	172,800	1,132	58,068	113,600
Gravel or Crushed Stone	8,137	92	2,885	5,160
Concrete	4,489	34	1,389	3,066
Earth	531	2	164	365
Other	406	3	158	245
Total	186,363	1,263	62,664	122,436

ROAD SURFACE CONDITION



Road Surface Condition	Total	Fatal	Personal Injury	Property Damage
Dry	104,605	919	38,878	64,808
Wet	42,645	222	14,131	28,292
Loose Snow	10,509	30	2,509	7,970
Slush	5,857	22	1,521	4,314
Packed Snow	8,246	26	1,888	6,332
Ice	13,151	39	3,181	9,931
Mud	102	—	31	71
Loose Sand or Gravel	1,248	5	525	718
Total	186,363	1,263	62,664	122,436

**STATISTICS RELATING TO MOTOR VEHICLE ACCIDENTS IN
ONTARIO CITIES, TOWNS AND VILLAGES – 1978**

<u>Place</u>	<u>Total Accidents</u>	ACCIDENTS			PERSONS	
		<u>Fatal</u>	<u>Personal Injury</u>	<u>Property Damage</u>	<u>Killed</u>	<u>Injured</u>
Ailsa Craig	2	0	0	2	0	0
Ajax	247	3	62	182	4	92
Alexandria	110	1	33	76	1	35
Alfred	9	0	1	8	0	1
Alliston	53	0	15	38	0	31
Almonte	56	0	17	39	0	19
Alvinston	2	0	0	2	0	0
Amherstburg	104	1	22	81	1	28
Ancaster	200	0	72	128	0	112
Angus	17	1	7	9	1	15
Arkona	3	0	2	1	0	2
Arnprior	99	1	20	78	1	26
Arthur	26	0	8	18	0	10
Aurora	210	1	62	147	1	80
Aylmer	91	0	28	63	0	40
Ayton	2	0	1	1	0	1
Balmertown	5	0	3	2	0	4
Bancroft	49	0	15	34	0	26
Barrie	770	1	219	550	1	313
Barry's Bay	21	0	2	19	0	2
Bath	1	0	0	1	0	0
Bayfield	1	0	0	1	0	0
Beachburg	1	0	1	0	0	1
Beeton	12	0	4	8	0	7
Belle River	49	0	18	31	0	21
Belleville	702	5	218	479	5	325
Belmont	7	0	2	5	0	4
Blenheim	73	0	15	58	0	18
Blind River	60	0	15	45	0	21
Bloomfield	8	0	1	7	0	2
Blyth	4	0	2	2	0	2
Bobcaygeon	21	0	6	15	0	11
Bothwell	15	0	5	10	0	6
Bracebridge	70	0	10	60	0	15
Bradford	92	0	11	81	0	18
Braeside	1	0	1	0	0	1
Brampton	2,138	15	718	1,405	17	1,066
Brantford	1,555	6	411	1,138	6	566
Brighton	24	0	6	18	0	14
Brockville	397	1	113	283	1	146
Bruce Mines	6	0	3	3	0	3
Brussels	8	0	3	5	0	3
Burk's Falls	2	0	1	1	0	1
Burlington	1,820	9	615	1,196	10	907
Cache Bay	3	0	0	3	0	0
Caledon	488	7	152	329	9	247
Cambridge	1,649	6	500	1,143	6	702
Campbellford	47	0	7	40	0	8

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Capreol	5	0	3	2	0	3
Cardinal	12	0	3	9	0	5
Carleton Place	140	0	48	92	0	63
Casselman	6	0	1	5	0	1
Chalk River	4	0	2	2	0	4
Chatham	983	6	304	673	6	393
Chesley	9	0	2	7	0	2
Chesterville	22	0	4	18	0	5
Clifford	10	0	2	8	0	4
Clinton	50	0	12	38	0	15
Cobalt	26	0	9	17	0	11
Cobden	8	0	3	5	0	3
Coboconk	1	0	0	1	0	0
Cobourg	183	2	59	122	2	79
Cochrane	53	0	16	37	0	18
Colborne	15	0	3	12	0	5
Coldwater	8	0	4	4	0	4
Collingwood	198	2	54	142	2	85
Cookstown	13	0	3	10	0	4
Cornwall	1,060	4	346	710	4	468
Creemore	8	0	1	7	0	2
Deep River	22	0	7	15	0	7
Deseronto	16	0	4	12	0	4
Dorchester	4	0	1	3	0	1
Drayton	15	0	1	14	0	2
Dresden	14	0	4	10	0	5
Dryden	106	1	28	77	1	41
Dundalk	8	0	3	5	0	4
Dundas	296	0	96	200	0	156
Dunnville	165	2	51	112	2	89
Durham	41	1	13	27	1	17
Dutton	7	0	1	6	0	1
East Gwillimbury	32	1	8	23	1	10
Eganville	17	0	5	12	0	7
Elliot Lake	173	1	63	109	1	83
Elmvale	18	0	2	16	0	3
Elora	36	1	12	23	1	20
Embrun	9	0	2	7	0	2
Englehart	12	0	3	9	0	3
Erieau	5	0	0	5	0	0
Erin	21	0	4	17	0	4
Espanola	68	0	23	45	0	29
Essex	69	2	15	52	3	17
Exeter	61	0	19	42	0	25
Fenelon Falls	21	0	6	15	0	7
Fergus	82	0	22	60	0	26
Flesherton	5	1	1	3	1	3
Forest	40	0	8	32	0	8

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Fort Erie	445	4	172	269	4	243
Fort Frances	219	1	53	165	1	78
Frankford	17	2	6	9	2	7
Gananoque	65	1	21	43	1	29
Geraldton	37	0	11	26	0	15
Glencoe	30	0	10	20	0	17
Goderich	139	1	35	103	1	60
Gore Bay	5	0	3	2	0	8
Grand Bend	35	0	5	30	0	7
Grand Valley	1	0	0	1	0	0
Gravenhurst	74	0	23	51	0	46
Grimsby	257	1	97	159	1	130
Guelph	1,066	2	317	747	2	472
Haileybury	35	0	10	25	0	13
Haldimand	142	2	46	94	2	76
Halton Hills	664	4	240	420	5	353
Hamilton	7,034	31	2,644	4,359	33	3,739
Hanover	121	0	31	90	0	46
Harriston	8	1	1	6	1	2
Harrow	22	0	5	17	0	8
Hastings	3	0	2	1	0	5
Havelock	20	0	6	14	0	7
Hawkesbury	201	1	54	146	1	77
Hearst	76	0	20	56	0	30
Hensall	5	0	0	5	0	0
Hepworth	1	0	0	1	0	0
Highgate	2	0	0	2	0	0
Hilton Beach	1	0	0	1	0	0
Holstein	2	0	0	2	0	0
Huntsville	50	0	11	39	0	14
Ingersoll	158	0	34	124	0	41
Inwood	1	0	0	1	0	0
Iron Bridge	2	0	0	2	0	0
Iroquois	10	0	4	6	0	8
Iroquois Falls	69	0	19	50	0	33
Kapuskasing	122	2	37	83	2	61
Keewatin	30	1	8	21	1	13
Kemptville	21	0	4	17	0	5
Kenora	247	1	67	179	1	85
Killaloe Station	6	0	0	6	0	0
Kincardine	110	0	21	89	0	27
Kingston	1,113	4	340	769	4	457
Kingsville	70	0	23	47	0	38
Kirkfield	1	0	0	1	0	0
Kitchener	3,347	8	971	2,368	8	1,383
Komoka	1	0	0	1	0	0
Lakefield	46	1	21	24	1	33
Lambeth	1	0	1	0	0	1

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Lanark	3	0	0	3	0	0
Lancaster	9	0	6	3	0	8
Leamington	218	0	64	154	0	82
Lincoln	203	5	73	125	5	115
Lindsay	244	0	76	168	0	105
Lion's Head	3	0	1	2	0	2
Listowel	86	1	18	67	1	26
Little Britain	1	0	1	0	0	4
Little Current	22	0	10	12	0	11
London	5,776	13	2,054	3,709	14	2,946
L'Orignal	11	0	7	4	0	11
Lucan	22	0	9	13	0	9
Lucknow	16	0	1	15	0	1
Madoc	17	0	6	11	0	7
Magnetawan	1	0	0	1	0	0
Markdale	14	0	5	9	0	8
Markham	702	4	234	464	4	343
Marmora	19	0	5	14	0	6
Massey	8	0	1	7	0	1
Mattawa	25	0	6	19	0	9
Maxville	5	0	0	5	0	0
Meaford	45	0	6	39	0	8
Merlin	2	0	2	0	0	2
Merrickville	10	0	0	10	0	0
Midland	228	2	82	144	2	115
Mildmay	15	0	6	9	0	8
Millbrook	5	0	1	4	0	1
Milton	491	6	164	321	6	263
Milverton	13	0	3	10	0	3
Mississauga	4,712	15	1,470	3,227	16	2,099
Mitchell	46	0	14	32	0	25
Moorefield	2	0	2	0	0	7
Morrisburg	20	0	8	12	0	17
Mount Brydges	10	1	1	8	1	1
Mount Forest	60	0	6	54	0	11
Nakina	8	0	2	6	0	4
Nanticoke	264	5	86	173	5	150
Napanee	88	0	27	61	0	34
Neustadt	4	0	1	3	0	4
Newboro	2	0	2	0	0	3
Newburgh	1	0	0	1	0	0
Newbury	2	0	0	2	0	0
Newcastle	432	5	152	275	6	251
New Liskeard	81	1	18	62	1	22
Newmarket	242	1	81	160	1	116
Niagara Falls	1,582	10	542	1,030	10	812
Niagara-on-the-Lake	149	1	58	90	1	95
North Bay	793	2	256	535	2	351

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Norwood	7	0	2	5	0	2
Nottawa	1	0	0	1	0	0
Oakville	1,305	4	434	867	5	630
Oil Springs	3	0	1	2	0	4
Ormemee	12	0	3	9	0	4
Orangeville	233	0	55	178	0	75
Orillia	393	1	148	244	2	225
Oshawa	2,018	4	659	1,355	4	1,034
Ottawa	8,067	26	2,123	5,918	27	2,818
Owen Sound	266	1	82	183	1	103
Paisley	12	0	3	9	0	3
Palmerston	22	0	5	17	0	6
Paris	100	0	29	71	0	48
Parkhill	13	0	3	10	0	5
Parry Sound	62	0	16	46	0	20
Pelham	145	2	46	97	2	82
Pembroke	288	1	84	203	1	117
Penetanguishene	59	0	13	46	0	16
Perth	103	0	30	73	0	42
Petawawa	29	0	4	25	0	4
Peterborough	1,258	4	423	831	4	608
Petrolia	46	0	8	38	0	12
Pickering	420	3	153	264	5	237
Picton	84	0	15	69	0	19
Plantagenet	3	0	0	3	0	0
Plattsville	2	0	0	2	0	0
Point Edward	73	0	18	55	0	26
Port Burwell	8	0	2	6	0	5
Port Colborne	288	0	93	195	0	119
Port Elgin	95	0	29	66	0	40
Port Hope	95	0	30	65	0	40
Portland	1	0	1	0	0	1
Port McNicoll	22	0	9	13	0	9
Port Stanley	30	0	9	21	0	10
Powassan	6	0	4	2	0	6
Prescott	76	0	10	66	0	13
Rainy River	8	0	2	6	0	5
Rayside — Balfour	99	1	44	54	1	71
Red Rock	8	0	2	6	0	4
Renfrew	147	0	43	104	0	61
Richmond Hill	415	5	141	269	5	192
Ridgetown	39	0	9	30	0	14
Ripley	2	0	1	1	0	1
Rockcliffe Park	25	0	3	22	0	3
Rockland	32	0	10	22	0	12
Rockwood	4	0	1	3	0	1
Rodney	9	0	2	7	0	2
Russell	5	0	3	2	0	4

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
St. Catharines	2,447	10	840	1,597	10	1,160
St. Clair Beach	12	0	3	9	0	3
St. Clements	1	0	1	0	0	1
St. Eugene	1	0	0	1	0	0
St. Isidore De Prescott	3	0	2	1	0	3
St. Marys	63	1	17	45	3	28
St. Thomas	457	2	141	314	2	210
Sarnia	1,239	2	361	876	2	570
Sault Ste. Marie	2,133	7	678	1,448	8	990
Seaforth	36	0	16	20	0	19
Shedden	1	0	1	0	0	1
Shelburne	32	0	6	26	0	6
Simcoe	293	4	87	202	4	116
Sioux Lookout	55	1	10	44	1	15
Smiths Falls	203	0	50	153	0	64
Smooth Rock Falls	13	0	1	12	0	1
Southampton	35	1	11	23	2	25
South River	13	0	3	10	0	5
Springfield	2	0	1	1	0	1
Stayner	26	0	13	13	0	15
Stirling	20	0	5	15	0	7
Stoney Creek	546	5	221	320	5	339
Stoney Point	3	0	2	1	0	3
Stratford	594	0	185	409	0	233
Strathroy	108	0	31	77	0	38
Sturgeon Falls	93	0	23	70	0	40
Sudbury	2,045	6	730	1,309	6	1,071
Sundridge	11	0	6	5	0	11
Tara	1	0	0	1	0	0
Tecumseh	76	3	28	45	5	46
Teeswater	12	0	1	11	0	1
Terrace Bay	30	1	7	22	1	11
Thamesville	20	0	3	17	0	6
Thedford	8	0	3	5	0	6
Thessalon	13	0	2	11	0	2
Thornbury	19	0	6	13	0	9
Thorold	212	2	68	142	2	100
Thunder Bay	3,124	2	837	2,285	7	1,212
Tilbury	82	0	30	52	0	38
Tillsonburg	209	0	45	164	0	59
Timmins	865	1	218	646	1	303
Tiverton	8	0	0	8	0	0
Toronto	38,685	78	12,748	25,859	81	15,741
Tottenham	14	0	10	4	0	13
Trenton	324	1	102	221	1	138
Trout Creek	1	0	0	1	0	0
Tweed	20	0	3	17	0	3
Valley East	128	1	52	75	2	89

Place	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Vanier	412	0	85	327	0	117
Vankleek Hill	21	0	5	16	0	5
Vaughan	418	1	154	263	1	256
Victoria Harbour	13	0	4	9	0	4
Vienna	1	0	0	1	0	0
Waldemar	41	1	17	23	1	23
Walkerton	69	0	24	45	0	31
Wallaceburg	182	2	59	121	2	87
Wardsville	11	0	2	9	0	3
Warkworth	7	0	2	5	0	4
Wasaga Beach	117	1	50	66	1	61
Waterloo	1,216	3	362	851	3	549
Watford	26	0	8	18	0	8
Webbwood	2	0	1	1	0	1
Weland	928	6	300	622	6	419
Wellington	12	0	3	9	0	5
West Lorne	11	0	1	10	0	1
Westport	16	0	2	14	0	7
Wheatley	20	0	6	14	0	7
Whitby	642	3	217	422	3	354
Whitchurch-Stouffville	261	2	117	142	2	204
White River	8	0	2	6	0	2
Warton	14	0	3	11	0	3
Williamsburg	1	0	0	1	0	0
Winchester	8	0	1	7	0	1
Windsor	4,858	20	1,678	3,160	22	2,416
Wingham	63	0	15	48	0	32
Woodstock	536	1	169	366	1	225
Woodville	7	0	1	6	0	1
Wyoming	8	0	3	5	0	3
Zurich	7	0	2	5	0	3
Total	129,061	442	41,354	87,265	477	58,937

STATISTICS RELATING TO MOTOR VEHICLE ACCIDENTS BY COUNTIES, DISTRICTS AND REGIONAL MUNICIPALITIES – 1978

County, District or Regional Municipality	Total Accidents	ACCIDENTS			PERSONS	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Algoma	3,480	26	1,189	2,265	33	1,862
Brant	2,537	22	760	1,755	31	1,170
Bruce	1,159	11	401	747	15	619
Cochrane	1,853	19	549	1,285	26	886
Dufferin	771	13	259	499	13	424
Dundas	370	4	120	246	6	198
Durham	5,607	44	1,946	3,617	51	3,210
Elgin	1,338	17	487	834	22	762
Essex	7,478	55	2,762	4,661	66	4,223
Frontenac	2,292	14	715	1,563	14	1,039
Glengarry	545	9	213	323	9	315
Grenville	487	6	164	317	6	265
Grey	1,393	17	480	896	21	776
Haldimand-Norfolk	1,828	35	609	1,184	39	1,008
Haliburton	400	4	141	255	4	235
Halton	5,482	34	1,915	3,533	37	2,997
Hamilton-Wentworth	9,963	56	3,749	6,158	58	5,668
Hastings	2,266	33	766	1,467	35	1,187
Huron	1,140	13	385	742	17	641
Kenora	1,239	14	402	823	16	672
Kent	2,402	33	819	1,550	36	1,180
Lambton	2,740	22	906	1,812	24	1,472
Lanark	1,040	7	365	668	7	532
Leeds	1,242	18	448	776	19	676
Lennox & Addington	599	13	202	384	17	335
Manitoulin	321	5	119	197	6	210
Middlesex	7,618	47	2,781	4,790	52	4,221
Muskoka	1,000	12	362	626	13	641
Niagara	8,232	62	2,892	5,278	68	4,251
Nipissing	1,634	15	583	1,036	19	898
Northumberland	1,400	19	521	860	23	883
Ottawa-Carleton	12,443	56	3,441	8,946	65	4,771
Oxford	1,889	14	606	1,269	14	944
Parry Sound	784	20	254	510	25	473
Peel	9,131	50	2,984	6,097	57	4,539
Perth	1,352	12	471	869	14	753
Peterborough	2,406	24	875	1,507	25	1,382
Prescott	600	8	205	387	8	310
Prince Edward	421	5	142	274	8	216
Rainy River	545	7	141	397	9	201
Renfrew	1,781	26	627	1,128	30	1,026
Russell	314	3	102	209	3	156
Simcoe	4,718	42	1,683	2,993	51	2,720
Stormont	1,398	11	483	904	14	680
Sudbury District	3,754	34	1,436	2,284	39	2,279
Thunder Bay	4,656	39	1,388	3,229	55	2,140
Timiskaming	824	11	270	543	13	445
Victoria	1,122	8	430	684	11	688
Waterloo	7,578	36	2,283	5,259	40	3,336
Wellington	2,587	28	866	1,693	30	1,415
*York	48,204	130	15,967	32,107	136	23,049
Total	186,363	1,263	62,664	122,436	1,450	94,979

*Includes Metropolitan Toronto

SUMMARY OF MOTOR VEHICLE TRAFFIC ACCIDENT STATISTICS

NUMBER OF ACCIDENTS

ONTARIO 1978

	TOTAL	FATAL	PERSONAL INJURY	PROPERTY DAMAGE ONLY
Accident Involves*				
Single Motor Vehicle . . . or Motor Vehicle And	40,332	378	16,093	23,861
Other Motor Vehicle/s . . .	134,590	526	37,406	96,658
Pedestrian	5,881	263	5,614	4
Cyclist	2,969	49	2,881	39
Railroad Train	237	28	94	115
Street Car	311	—	82	229
Farm Tractor	234	6	85	143
Animal	1,361	2	229	1,130
Other	448	11	180	257
Total	186,363	1,263	62,664	122,436

Month of Occurrence				
January	21,600	56	5,281	16,263
February	14,342	64	3,909	10,369
March	13,298	60	3,918	9,320
April	11,245	86	3,993	7,166
May	13,833	99	5,169	8,565
June	14,368	133	5,773	8,462
July	14,409	151	5,895	8,363
August	14,581	140	5,834	8,607
September	15,558	136	5,973	9,449
October	15,711	131	5,536	10,044
November	17,498	108	5,642	11,748
December	19,920	99	5,741	14,080
Total	186,363	1,263	62,664	122,436

Day of Occurrence				
Sunday	22,090	200	8,115	13,775
Monday	24,466	129	7,838	16,499
Tuesday	22,850	134	7,597	15,119
Wednesday	24,013	139	7,843	16,031
Thursday	28,010	167	9,049	18,794
Friday	33,955	219	11,336	22,400
Saturday	30,979	275	10,886	19,818
Total	186,363	1,263	62,664	122,436

Hour of Occurrence				
12 to 1 A.M.	5,525	55	2,101	3,369
1 to 2 "	7,564	108	3,072	4,384
2 to 3 "	4,247	50	1,637	2,560
3 to 4 "	2,203	30	835	1,338
4 to 5 "	1,451	21	554	876
5 to 6 "	1,133	15	425	693
6 to 7 "	2,731	26	899	1,806
7 to 8 "	6,484	24	1,898	4,562
8 to 9 "	8,924	29	2,687	6,208
9 to 10 "	6,167	36	1,798	4,333
10 to 11 "	6,514	31	1,895	4,588
11 to 12 "	8,058	34	2,503	5,521
12 to 1 P.M.	9,446	40	3,085	6,321
1 to 2 "	9,516	37	3,123	6,356
2 to 3 "	10,002	61	3,181	6,760
3 to 4 "	13,879	62	4,642	9,175
4 to 5 "	16,947	67	5,534	11,346
5 to 6 "	14,237	65	4,764	9,408
6 to 7 "	10,395	86	3,793	6,516
7 to 8 "	9,772	71	3,544	6,157
8 to 9 "	8,286	76	2,930	5,280
9 to 10 "	7,311	70	2,618	4,623
10 to 11 "	6,499	75	2,334	4,090
11 to 12 "	6,999	81	2,564	4,354
Not Known	2,073	13	248	1,812
Total	186,363	1,263	62,664	122,436

	TOTAL	FATAL	PERSONAL INJURY	PROPERTY DAMAGE ONLY
Light Conditions				
Daylight	113,794	559	37,530	75,705
Dawn	1,991	17	647	1,327
Dusk	7,003	37	2,294	4,672
Darkness	63,575	650	22,193	40,732
Total	186,363	1,263	62,664	122,436

Road Surface Condition				
Dry	104,605	919	38,878	64,808
Wet	42,645	222	14,131	28,292
Loose Snow	10,509	30	2,509	7,970
Slush	5,857	22	1,521	4,314
Packed Snow	8,246	26	1,888	6,332
Ice	13,151	39	3,181	9,931
Mud	102	—	31	71
Loose Sand or Gravel . .	1,248	5	525	718
Total	186,363	1,263	62,664	122,436

Road Condition				
Good	180,788	1,235	60,815	118,738
Under Repair	852	2	320	530
Under Construction . . .	1,580	11	561	1,008
Other	3,143	15	968	2,160
Total	186,363	1,263	62,664	122,436

Road Type				
Asphalt	172,800	1,132	58,068	113,600
Gravel or Crushed Stone .	8,137	92	2,885	5,160
Concrete	4,489	34	1,389	3,066
Earth	531	2	164	365
Other	406	3	158	245
Total	186,363	1,263	62,664	122,436

Visibility				
Clear	140,787	1,048	48,741	90,998
Rain	24,109	119	8,058	15,932
Snow or Sleet	18,998	61	4,970	13,967
Fog, Mist, Smoke or Dust	2,469	35	895	1,539
Total	186,363	1,263	62,664	122,436

Place of Occurrence				
Urban Area	128,595	433	41,207	86,955
Kings Highway (Incl. Sec. Hwy.)	34,302	513	12,850	20,939
Other	23,466	317	8,607	14,542
Total	186,363	1,263	62,664	122,436

Road Location				
Non-Intersection	79,874	839	27,392	51,643
Intersection-Related . .	29,937	70	10,101	19,766
At Intersection	46,615	202	16,586	29,827
Intersection with Private Drive	26,503	90	7,304	19,109
At Railroad Crossing . .	733	29	259	445
Underpass or Tunnel . .	406	1	131	274
Overpass or Bridge . . .	1,790	25	681	1,084
Other	505	7	210	288
Total	186,363	1,263	62,664	122,436

*Based on Initial Impact

SUMMARY OF MOTOR VEHICLE TRAFFIC ACCIDENT STATISTICS

NUMBER OF DRIVERS AND PEDESTRIANS

	ALL ACCIDENTS	FATAL	PERSONAL INJURY	PROPERTY DAMAGE ONLY
Sex of Driver				
Male	242,519	1,589	81,059	159,871
Female	67,443	290	23,423	43,730
Not Known	14,041	12	2,363	11,666
Total	324,003	1,891	106,845	215,267

Age of Driver				
Under 16	617	14	253	350
16-19 Years	47,988	330	16,487	31,171
20-24 Years	61,291	416	21,078	39,797
25-34 Years	80,901	450	27,289	53,162
35-44 Years	48,723	257	16,217	32,249
45-54 Years	36,203	184	12,007	24,012
55-64 Years	22,239	131	7,242	14,866
65 & Over	11,722	94	3,811	7,817
Not Known	14,319	15	2461	11,843
Total	324,003	1,891	106,845	215,267

Licence of Driver				
Licensed	294,125	1,701	98,567	193,857
Unlicensed	6,494	94	2,717	3,683
Not Known	23,384	96	5,561	17,727
Total	324,003	1,891	106,845	215,267

Residence of Driver				
Alberta	311	1	111	199
British Columbia	257	1	77	179
Manitoba	389	5	132	252
New Brunswick	162	4	54	104
Newfoundland	73	—	41	32
Nova Scotia	160	—	45	115
Ontario	302,165	1,805	101,827	198,533
Prince Edward Island	27	—	4	23
Quebec	2,996	20	897	2,079
Saskatchewan	118	—	39	79
Yukon and Northwest Territories	16	—	8	8
United States	2,729	34	1,030	1,665
Other Foreign	284	6	83	195
Not Known	14,316	15	2,497	11,804
Total	324,003	1,891	106,845	215,267

Condition of Driver				
Normal	269,900	1,147	87,175	181,578
Had Been Drinking	18,803	251	8,909	9,643
Ability Impaired Alcohol	9,309	292	4,134	4,883
Ability Impaired Drugs	315	1	133	181
Fatigue	1,089	8	531	550
Medical or Physical Defect	538	7	276	255
Not Known	23,569	181	5,495	17,893
Other	480	4	192	284
Total	324,003	1,891	106,845	215,267

Apparent Driver Action				
Driving Properly	140,582	786	48,054	91,742
Following Too Close	15,413	5	5,414	9,994
Speed Too Fast	29,637	337	11,942	17,358
Improper Turn	11,766	27	2,870	8,869
Disobey Traffic Signal	5,929	21	2,350	3,558
Disobey Stop Sign	4,379	52	1,910	2,417
Fail To Yield Right-Of-Way	33,989	147	9,540	24,302
Improper Passing	4,696	57	1,240	3,399
Lost Control	24,250	111	8,343	15,796
Wrong Way On One-Way Road	330	5	112	213
Disobey Other Controls	219	9	100	110
Not Known	28,936	187	6,876	21,873
Other	23,877	147	8,094	15,636
Total	324,003	1,891	106,845	215,267

ONTARIO 1978

	KILLED	INJURED
Condition of Pedestrian		
Normal	158	5,114
Had Been Drinking	19	416
Ability Impaired Alcohol	43	129
Ability Impaired Drugs	1	4
Fatigue	—	6
Medical or Physical Defect	5	92
Not Known	56	487
Other	2	66
Total	284	6,314

Pedestrian Action		
Crossing Intersection With Right of Way	7	903
Crossing Intersection Without Right of Way	11	392
Crossing Intersection, No Traffic Control	12	150
Crossing Pedestrian Crossover	6	238
Walking on Roadway With Traffic	30	268
Walking on Roadway Against Traffic	16	159
On Sidewalk or Shoulder	19	416
Coming From Behind Parked Vehicle or Object	5	506
Playing or Working on Highway	5	148
Running into Roadway	51	1,374
Crossing Through Traffic	64	791
Other	58	969
Total	284	6,314

SUMMARY OF MOTOR VEHICLE TRAFFIC ACCIDENT STATISTICS

NUMBER OF VICTIMS

ONTARIO 1978

Type of Accident	Age of Persons Killed												Age of Persons Injured											
	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated		
Single Motor Vehicle	417	3	10	116	110	80	40	29	15	13	1	22,964	281	861	7,103	5,416	4,567	2,006	1,316	780	534	100		
Other Motor Veh's	663	15	20	131	130	109	65	53	64	75	1	62,052	1,383	3,523	10,242	11,319	13,690	8,040	6,475	4,243	2,793	344		
Pedestrian	267	13	55	27	25	18	15	19	30	63	2	6,026	410	2,082	816	506	591	320	366	367	491	77		
Bicyclist	49	—	26	10	2	2	—	1	1	2	5	3,001	29	1,299	655	288	192	64	43	28	18	385		
Railroad Train	34	—	3	2	4	8	5	5	6	1	—	140	1	4	28	33	30	11	12	12	7	2		
Street Car	—	—	—	—	—	—	—	—	—	—	—	138	3	9	14	13	37	16	25	11	10	—		
Farm Tractor	7	—	—	4	—	1	2	—	—	—	—	135	3	8	28	24	21	11	21	9	10	—		
Animal	2	—	—	1	—	—	—	—	—	1	—	294	8	8	76	62	60	43	21	12	4	—		
Other	11	1	1	2	—	4	2	—	1	—	—	229	2	25	65	39	39	14	26	11	4	4		
Total	1,450	32	115	293	271	222	129	107	117	155	9	94,979	2,120	7,819	19,027	17,700	19,227	10,525	8,305	5,473	3,871	912		

Victim	Victims, By Class and Age Group — Killed												Victims, By Class and Age Group — Injured											
	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated		
Driver	623	—	1	104	140	141	77	62	54	43	—	46,593	—	46	7,449	9,482	12,446	7,121	5,201	3,131	1,656	61		
Passenger	383	17	23	113	66	38	30	25	28	43	—	34,578	1,676	4,225	8,332	5,805	5,199	2,838	2,592	1,903	1,655	353		
Pedestrian	284	14	58	28	29	19	16	19	33	66	2	6,314	410	2,122	863	544	629	357	401	384	521	83		
Bicyclist	50	—	26	10	2	2	—	1	1	2	6	2,961	25	1,281	655	281	188	59	37	26	18	391		
Motorcycle Driver*	80	—	3	29	32	13	2	—	—	1	—	3,545	—	52	1,286	1,334	675	119	44	15	8	12		
Motorcycle Passenger**	17	—	2	7	2	5	1	—	—	—	—	702	2	40	366	203	60	19	2	2	1	7		
Other	13	1	2	2	—	4	3	—	1	—	—	286	7	53	76	51	30	12	28	12	12	5		
Total	1,450	32	115	293	271	222	129	107	117	155	9	94,979	2,120	7,819	19,027	17,700	19,227	10,525	8,305	5,473	3,871	912		

	Victims, By Age Group and Sex — Killed												Victims, By Age Group and Sex — Injured											
	Total		0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Total		0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated
Male	1,026	19	73	232	210	166	94	68	71	86	7	56,889	1,150	4,335	12,374	11,602	11,716	5,958	4,476	2,808	1,866	604		
Female	424	13	42	61	61	56	35	39	46	69	2	38,090	970	3,484	6,653	6,098	7,511	4,567	3,829	2,665	2,005	308		
Total	1,450	32	115	293	271	222	129	107	117	155	9	94,979	2,120	7,819	19,027	17,700	19,227	10,525	8,305	5,473	3,871	912		

Killed	Victims By Class and Sex										Victims By Road Jurisdiction										Victims, By Month of Occurrence									
	Total	Driver	Passenger	Pedestrian	Bicyclist	Motorcycle Driver*	Motorcycle Passenger**	Other			Killed	Injured									Month	Killed	Injured	Month	Killed	Injured				
Male	1,026	494	200	192	40	79	10	11			469	58,681									Jan.	61	7,774	July	176	9,376				
Female	424	129	183	92	10	1	7	2			620	22,448									Feb.	73	5,730	Aug.	164	9,114				
Total	1,450	623	383	284	50	80	17	13			142	5,986									Mar.	64	6,047	Sept.	159	9,168				
Injured											County or District	152	4,965								Apr.	92	5,956	Oct.	156	8,407				
Male	56,889	33,000	14,121	3,533	2,198	3,442	362	233			Regional Mun.	63	2,461								May	111	7,745	Nov.	132	8,410				
Female	38,090	13,593	20,457	2,781	763	103	340	53			Other	4	438								June	146	8,589	Dec.	116	8,663				
Total	94,979	46,593	34,578	6,314	2,961	3,545	702	286			Total	1,450	94,979																	

*Includes Moped Drivers
**Includes Moped Passengers

SUMMARY OF MOTOR VEHICLE TRAFFIC ACCIDENT STATISTICS

NUMBER OF VEHICLES

ONTARIO 1978

	ALL ACCIDENTS	FATAL	PERSONAL INJURY	PROPERTY DAMAGE
Type of Vehicle				
Passenger Car	273,695	1,349	87,661	184,685
Passenger Car & Trailer	832	8	232	592
Truck	42,630	327	12,984	29,319
Truck & Trailer	692	12	200	480
Tractor & Semi-Trailer	5,390	107	1,655	3,628
Motorcycle	4,202	99	3,780	323
Bus	2,449	15	848	1,586
School Bus	899	6	277	616
Other - Or Not Known	11,214	11	1,963	9,240
Non Motor Vehicle	4,534	101	3,542	891
Total	346,537	2,035	113,142	231,360

Condition of Vehicle				
No Apparent Defect	320,290	1,720	105,841	212,729
Service Brakes Defective	1,472	20	658	794
Steering Defective	388	2	172	214
Tire Puncture or Blow Out	1,235	13	522	700
Tire Tread Insufficient	853	19	383	451
Headlamps Defective	191	8	94	89
Other Lamps or Reflectors Defective	457	5	139	313
Engine Controls Defective	540	3	170	367
Wheels or Suspension Defective	291	4	110	177
Vision Obscured	218	2	59	157
Trailer Hitch Defective	140	—	27	113
Other Defects	2,005	34	626	1,345
Not Known	18,457	205	4,341	13,911
Total	346,537	2,035	113,142	231,360

Model Year of Vehicle				
1979	1,460	15	421	1,024
1978	29,734	211	10,234	19,289
1977	41,736	244	13,400	28,092
1976	40,532	196	13,169	27,167
1975	33,865	199	11,205	22,461
1974	36,268	231	11,945	24,092
1973	36,126	219	11,646	24,261
1972 & Earlier	111,178	641	36,305	74,232
Not Known	15,638	79	4,817	10,742
Total	346,537	2,035	113,142	231,360

	ALL ACCIDENTS	FATAL	PERSONAL INJURY	PROPERTY DAMAGE
Vehicle Manoeuver				
Going Ahead	197,678	1,649	71,281	124,748
Slowing/Stopping	20,241	24	6,920	13,297
Overtaking	6,836	90	2,119	4,627
Turning Left	35,159	77	10,614	24,468
Turning Right	10,568	12	2,440	8,116
Making "U" Turn	1,049	4	316	729
Changing Lanes	9,171	29	1,977	7,165
Merging	970	—	234	736
Reversing	7,212	12	849	6,351
Stopped or Parked	47,785	81	14,506	33,198
Pulling Away From Shoulder or Curb	1,950	4	369	1,577
Pulling Onto Shoulder or Into Curb	575	4	154	417
Not Known or Other	7,343	49	1,363	5,931
Total	346,537	2,035	113,142	231,360

Insurance				
Insured	310,853	1,800	100,476	208,577
Not Insured	15,068	156	6,783	8,129
Not Known	20,616	79	5,883	14,654
Total	346,537	2,035	113,142	231,360

AMOUNT OF PROPERTY DAMAGE
\$280,331,887.00



Ministry of
Transportation and
Communications

Licensing and Control Branch
Driver Licensing Section
Collision and Licensing Records
Ferguson Block, 5th Floor
Toronto, Ontario
M7A 1Z8

Lacking 1979.

(Not available in microfiche)

1980

ONTARIO MOTOR VEHICLE ACCIDENT FACTS

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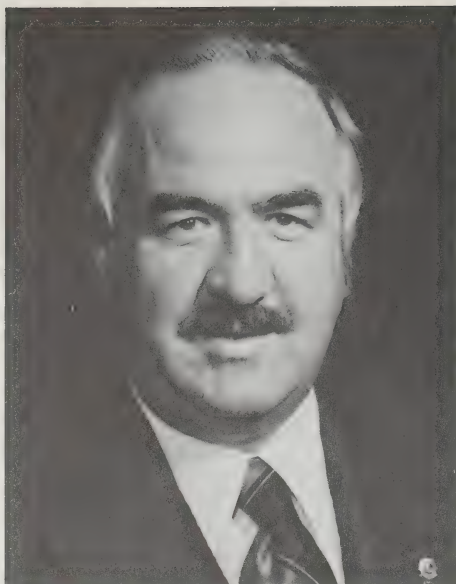
Motor Vehicle Accident Facts — 1980



Ontario

Ministry of
Transportation and
Communications

Collision and Licensing Records
Licensing and Control Branch
Safety and Regulation



James Snow

Minister's Message

I am pleased to report that this year's traffic-related deaths on Ontario's roads dropped from 1,560 in 1979 to 1,508 — the third lowest since 1964.

Although this decrease of 3.3 per cent against 1979 is encouraging, I'm convinced we can do better, because even one fatality is too many.

Once again, I believe much of the credit goes to the seat belt law and the Ministry's safety education programs.

In more detail, over the past year, motor vehicle driver/passenger fatalities dropped 3.6 per cent with 1,095 killed—41 fewer than in 1979.

However, I'm disappointed to have to report there were six more motorcycle driver deaths this year, an increase from 75 in 1979. And motorcycle passenger deaths rose from 10 to 18, almost double.

It seems to be that age-old problem of "invisibility" is a prime factor where motorcyclists are concerned. Because they drive one of the smallest vehicles on the road, both the motorcyclists and vehicle drivers must be totally alert, always ready for the unexpected. If it's a question of right-of-way, the motorcyclists should give away for no other reason than it's a no-win situation.

Pedestrian fatalities decreased by 2.6 per cent from 273 in 1979 to 266.

The number of injuries was up marginally with 101,367 recorded this year as compared to 101,321 in 1979.

Although the overall accident statistics are an improvement, they won't impress anyone who has lost a spouse, child, relative or friend.

Hopefully, with the new highway safety program I'm initiating this year, we can further reduce this tragic loss of life and suffering which result from accidents on Ontario roads.

James Snow
Minister of
Transportation and Communications



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Trends in Motor Vehicle Accidents Death and Injury Rates over the Period 1971-1980

Between 1971 and the end of 1980, Ontario's population and the number of licensed drivers, motor vehicle registrations and motor vehicle accidents (with the exception of the years 1976, 1978 and 1980) were all on the rise. During the past ten years, traffic deaths reached a high of 1,959 in 1973 and declined to a low of 1,420 deaths in 1977.

During the year 1980, the number of deaths decreased 3.3% from 1,560 in 1979 to 1,508 in 1980. The population grew from 8.55 million to 8.57 million. The motor vehicle accident death rate per 100,000 population decreased from 18.3 to 17.6 this year.

The death rate over the past five years ranged from 17.0 to 18.3 which are the lowest death rates per 100,000 population since 1946 at which time the population was 4.09 million and the death rate was 16.8.

The total number of injuries were up marginally from 101,321 in 1979 to 101,367. The 1980 injury rate per 100,000 population decreased fractionally from 1,185.6 in 1979 to 1,182.8 this year.

During 1980, the number of motor vehicle accidents reported totalled 196,501, a decrease of 0.4% from the 1979 total of 197,196. There were decreases of 1.5% in fatal accidents and 3.3% in the number of persons killed. Personal injury accidents and persons injured increased 0.3% and 0.04% respectively.

During the past three years, the motor vehicle accident rate per one million kilometres travelled remained at 2.7. The fatal accident rate and death rate per 100 million kilometres travelled during the past four years remained the same at 1.8 and 2.1 respectively.

The number of kilometres driven in 1980 was estimated at 72,419,477,000 an increase of 0.3% over the 1979 figure of 72,171,417,000.

Synopsis

During 1980, there were 196,501 reported motor vehicle accidents, a decrease of 0.4% from the total of 197,196 accidents reported in 1979. This year, there were decreases of 1.5% in fatal accidents and 3.3% in persons killed. Accidents involving personal injuries increased 0.3% and persons injured increased 0.04%. Property damage only accidents decreased 0.7% from the previous year.

Drivers killed and injured (excluding motorcycle and moped drivers) increased 2.1% and 0.07%. Passengers killed and injured decreased 11.8% and 1.0% respectively.

Motorcycle drivers and passengers killed increased 8.0% and 80.0% and injuries increased 0.8% and 8.7% respectively. Bicyclists killed decreased 31.2% although there was an increase of 6.2% in bicyclists injured.

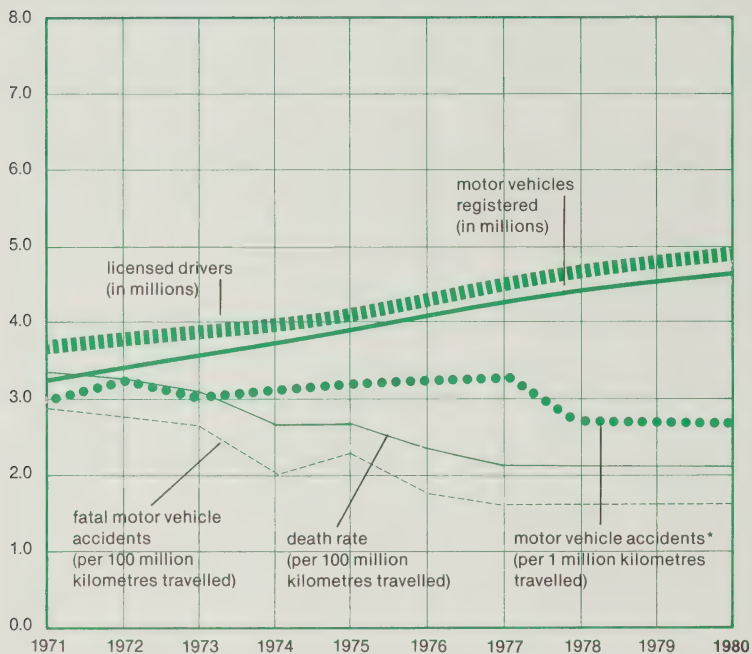
COMPARATIVE STATISTICS 1979-1980

	1979	1980	% of Change
Total Reportable Motor Vehicle Accidents	197,196	196,501	- 0.4
Fatal Accidents	1,316	1,296	- 1.5
Personal Injury Accidents	67,201	67,391	+ 0.3
Property Damage Only Accidents	128,679	127,814	- 0.7
Persons Killed	1,560	1,508	- 3.3
Persons Injured	101,321	101,367	+ 0.04
Vehicle Accident Rate per Million Kilometres Travelled*	2.7	2.7	—
Fatal Accident Rate per 100 Million Kilometres Travelled*	1.8	1.8	—
Death Rate per 100 Million Kilometres Travelled*	2.1	2.1	—
Motor Vehicles Registered	4,646,939	4,758,010	+ 2.4
Millions of Vehicle Kilometres Travelled	72,171**	72,419**	+ 0.3
Ontario Population	8,546,000*	8,570,000*	+ 0.3
Drivers Licensed	4,858,351	4,993,531	+ 2.8
Amount of Property Damage	\$332,005,000*	\$357,640,284*	+ 7.7

*Estimated

**Kilometres travelled estimated on the basis of 22.08 kilometres per gallon of taxed gasoline and motor fuel.

Trends in Motor Vehicle Registrations, Licensed Drivers, Motor Vehicle Accident Rates, Death Rates, Fatal Accident Rates 1971 - 1980



*On January 1, 1978 the reporting criterion for property damage only accidents was raised from \$200 to \$400.

Deaths & Injuries



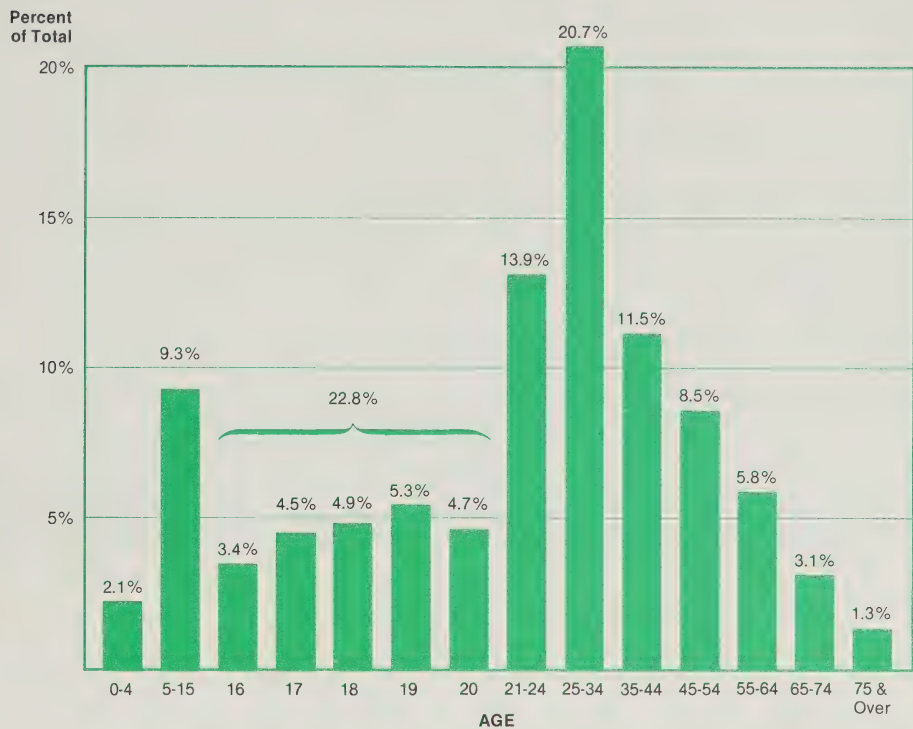
Class of Victims Killed — by Age — 1980

Percent
of Total



Victim	Total	Class of Victims Killed — By Age — 1980														
		0-4	5-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65-74	75 & Over	Not Stated
Driver	682	—	2	10	22	40	34	35	96	153	96	69	67	38	18	2
Passenger	413	18	31	32	29	34	26	24	53	53	28	23	21	22	18	1
Pedestrian	266	15	49	6	5	8	3	3	15	21	18	16	24	32	51	—
Bicyclist	33	—	18	4	2	1	1	—	2	1	2	—	1	—	—	1
Moped Driver	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Moped Passenger	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Motorcycle Driver	81	—	2	4	5	4	10	7	24	21	1	3	—	—	—	—
Motorcycle Passenger	18	—	3	1	2	—	1	3	5	3	—	—	—	—	—	—
Other	15	—	9	—	—	—	—	1	1	2	1	1	—	—	—	—
Total	1508	33	114	57	65	87	75	73	196	254	146	112	113	92	87	4

Class of Victims Injured — by Age — 1980



Victim	Total	Class of Victims Injured — By Age — 1980														
		0-4	5-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65-74	75 & Over	Not Stated
Driver	50,653	2	129	1,013	1,873	2,340	2,602	2,470	7,813	13,508	7,976	5,524	3,404	1,494	446	59
Passenger	35,982	1,695	5,382	1,721	2,027	1,905	1,939	1,608	4,375	5,559	2,974	2,573	1,968	1,275	631	350
Pedestrian	6,548	410	2,141	191	165	170	184	143	479	691	413	417	437	348	258	101
Bicyclist	3,397	39	1,556	172	145	118	115	102	239	263	103	56	26	29	12	422
Moped Driver	75	—	4	6	4	3	7	2	5	15	6	8	10	5	—	—
Moped Passenger	5	1	1	—	1	—	—	1	1	—	—	—	—	—	—	—
Motorcycle Driver	3,696	—	76	190	273	368	390	327	968	839	161	63	21	7	—	13
Motorcycle Passenger	772	3	66	89	77	85	82	79	149	96	30	5	3	—	1	7
Other	239	5	50	18	17	14	12	11	29	28	16	15	12	7	4	1
Total	101,367	2,155	9,405	3,400	4,582	5,003	5,331	4,743	14,058	20,999	11,679	8,661	5,881	3,165	1,352	953

Fatal Accidents and Persons Killed 1971 — 1980



FATAL MOTOR VEHICLE ACCIDENT VICTIMS IN ONTARIO BY CLASS OF ROAD USER — ALL AGES

Year	Ontario Population (Est.)	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate / 100,000**	No.	Rate / 100,000	No.	Rate / 100,000	No.	Rate / 100,000	No.	Rate / 100,000
1971	7,703,000	740	13.8	542	7.0	357	4.6	130	1.7	1,769	23.0
1972	7,834,000	827	15.1	564	7.2	383	4.9	160	2.0	1,934	24.7
1973	7,939,000	830	14.8	600	7.6	346	4.4	183	2.3	1,959	24.7
1974	8,094,000	778	13.4	513	6.3	305	3.8	152	1.9	1,748	21.6
1975	8,226,000	774	13.0	540	6.6	294	3.6	192	2.3	1,800	21.9
1976	8,265,000	648	10.8	461	5.6	251	3.0	151	1.8	1,511	18.3
1977	8,373,000	609	10.1	393	4.7	252	3.0	166	2.0	1,420	17.0
1978	8,444,000	623	9.9	383	4.5	284	3.4	160	1.9	1,450	17.2
1979	8,546,000	668	10.4	468	5.5	273	3.2	151	1.8	1,560	18.3
1980	8,570,000	682	10.5	413	4.8	266	3.1	147	1.7	1,508	17.6

*Excludes motorcycle passengers. (Motorcycle passengers included with "all others").

**Rate per 100,000 population 16 years of age and over.

Personal Injury Accidents and Persons Injured 1971 — 1980



NON-FATAL MOTOR VEHICLE ACCIDENT VICTIMS IN ONTARIO BY CLASS OF ROAD USER — ALL AGES

Year	Ontario Population (Est.)	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate / 100,000**	No.	Rate / 100,000	No.	Rate / 100,000	No.	Rate / 100,000	No.	Rate / 100,000
1971	7,703,000	37,936	709.6	33,519	435.1	7,508	97.5	5,687	73.8	84,650	1,098.9
1972	7,834,000	43,910	801.5	37,001	472.3	7,941	101.4	6,329	80.8	95,181	1,215.0
1973	7,939,000	46,414	826.8	37,093	467.2	7,603	95.8	6,680	84.1	97,790	1,231.8
1974	8,094,000	46,621	806.1	37,020	457.4	7,444	92.0	7,588	93.7	98,673	1,219.1
1975	8,226,000	45,847	772.7	35,658	433.5	7,299	88.7	8,230	100.0	97,034	1,179.6
1976	8,265,000	39,631	659.8	29,553	357.6	7,218	87.3	7,334	88.7	83,736	1,013.1
1977	8,373,000	45,620	756.7	34,854	416.3	6,998	83.6	8,192	97.8	95,664	1,142.5
1978	8,444,000	46,953	746.8	34,578	409.5	6,314	74.8	7,494	88.7	94,979	1,124.8
1979	8,546,000	50,618	787.5	36,332	425.1	6,436	75.3	7,935	92.9	101,321	1,185.6
1980	8,570,000	50,653	778.7	35,982	419.8	6,548	76.4	8,184	95.5	101,367	1,182.8

*Excludes motorcycle passengers. (Motorcycle passengers included with "all others").

**Rate per 100,000 population 16 years of age and over.

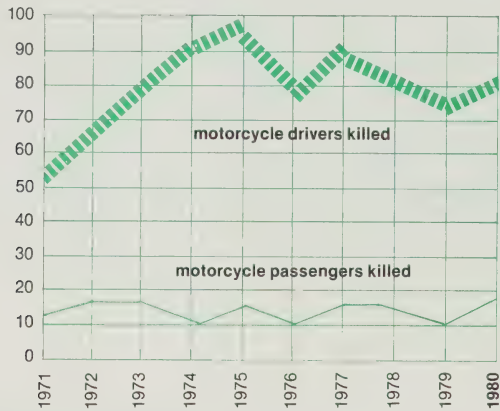
Motorcycle Accident Statistics

During 1980, the number of motorcycle drivers and passengers killed increased 8.0% and 80.0% respectively. There were increases in the number of motorcyclist injuries, 0.8% more driver injuries and 8.7% more passenger injuries.

The motorcycle driver fatality rate per 100,000 drivers increased from 31.9 in 1979 to 32.5 in 1980. The motorcycle driver injury rate per 100,000 drivers decreased from 1561.4 in 1979 to 1482.0 this year.

The number of licensed drivers authorized to operate motorcycles increased 6.2% from 234,853 in 1979 to 249,397 in 1980. Motorcycle registrations were up 14.1% from 90,957 in 1979 to 103,823 this year.

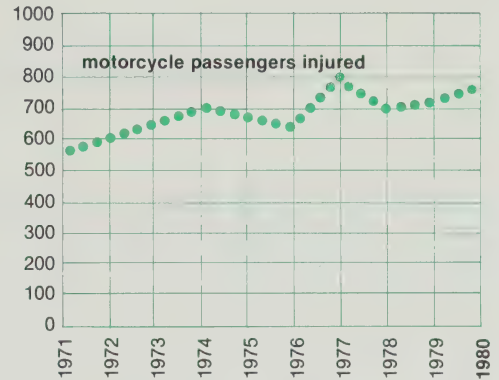
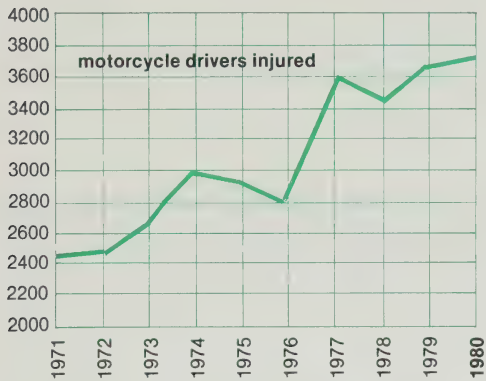
NOTE: Amendments to the Highway Traffic Act in 1968 required motorists to wear approved safety helmets.



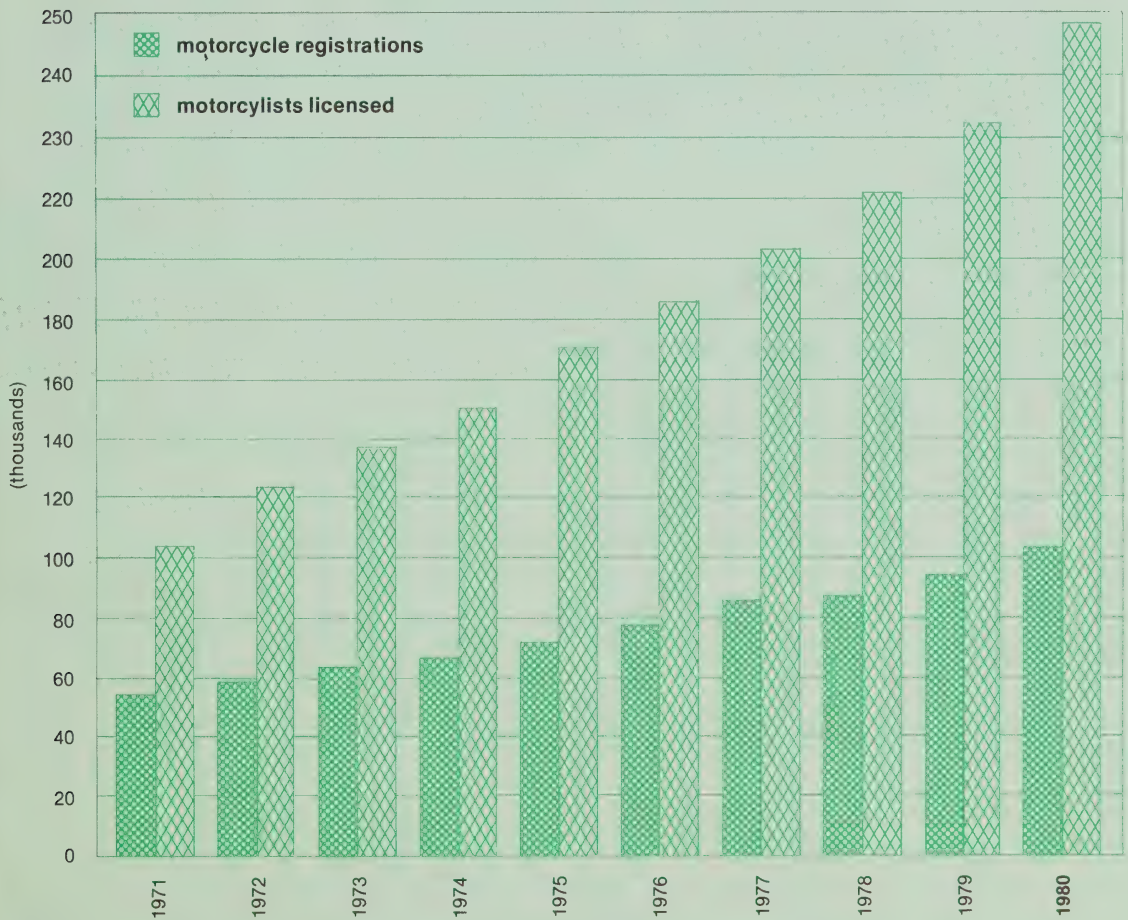
Year	MOTORCYCLISTS KILLED AND INJURED*								
	Drivers				Passengers				
	Killed	% + -	Injured	% + -	Killed	% + -	Injured	% + -	
1971	51	—	2,418	—	15	—	597	—	
1972	66	+ 29.4	2,424	+ 0.2	17	+ 13.3	605	+ 1.3	
1973	84	+ 27.3	2,623	+ 8.2	16	- 5.9	623	+ 3.0	
1974	86	+ 2.4	3,260	+ 24.3	13	- 18.8	708	+ 13.6	
1975	97	+ 12.8	3,181	- 2.4	16	+ 23.1	679	- 4.1	
1976	78	- 19.6	2,818	- 11.4	10	- 37.5	648	- 4.6	
1977	88	+ 12.8	3,594	+ 27.5	17	+ 70.0	807	+ 24.5	
1978	80	- 9.1	3,453	- 3.9	17	—	697	- 13.6	
1979	75	- 6.2	3,667	+ 6.2	10	- 41.2	710	+ 1.9	
1980	81	+ 8.0	3,696	+ 0.8	18	+ 80.0	772	+ 8.7	

*Excludes moped drivers and passengers.

Motorcyclists Injured 1971-1980



Motorcycle Registrations and Licensed Motorcyclists 1971-1980

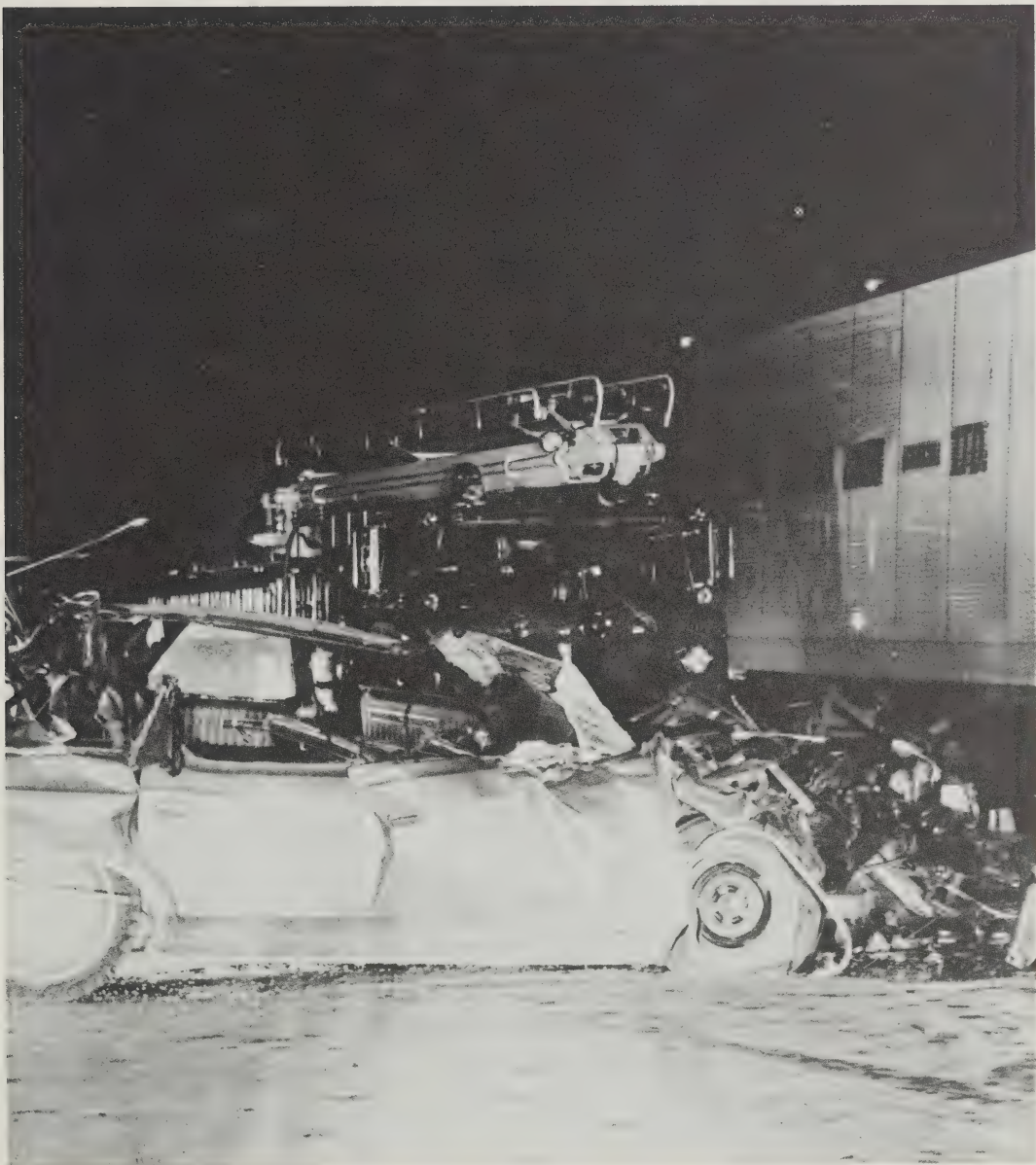


Actions and Conditions of Pedestrians Killed and Injured 1979-1980

ACTIONS OF PEDESTRIANS KILLED AND INJURED 1979-1980				
Action	1979		1980	
	Killed	Injured	Killed	Injured
Crossing Intersection With Right of Way	10	1,077	13	1,116
Crossing Intersection Without Right of Way	18	437	11	465
Crossing Intersection No Traffic Control	11	185	10	125
Crossing Pedestrian Crossover	1	206	5	222
Walking on Roadway With Traffic	30	244	22	201
Walking on Roadway Against Traffic	10	135	9	106
On Sidewalk or Shoulder	14	427	20	451
Coming from Behind Parked Vehicle or Object	8	494	6	496
Playing or Working on Highway	6	128	8	124
Running into Roadway	53	1,377	42	1,376
Crossing Through Traffic	55	860	64	940
Other	57	866	56	926
Total	273	6,436	266	6,548

CONDITION OF PEDESTRIANS KILLED AND INJURED 1979-1980				
Condition	1979		1980	
	Killed	Injured	Killed	Injured
Normal	126	5,152	148	5,324
Had Been Drinking	34	475	22	404
Ability Impaired by Alcohol	49	161	40	133
Ability Impaired by Drugs	—	11	—	5
Fatigue	—	4	—	4
Medical or Physical Defect	8	92	8	87
Not Known	56	461	48	527
Other	—	80	—	64
Total	273	6,709	266	6,548

Selected Characteristics



Selected Characteristics of Motor Vehicle Accidents

The following tables present motor vehicle accident information in relation to selected driver, vehicle, and road characteristics. Listings of accidents by various geographic areas of the province are included.

CONDITION OF DRIVER								
Condition	All Accidents				Fatal Accidents			
	1979	%	1980	%	1979	%	1980	%
Apparently Normal	282,022	83.0	277,516	82.8	1,206	59.8	1,091	55.8
Ability Impaired by Alcohol	9,870	2.9	10,310	3.1	310	15.4	296	15.1
Had Been Drinking	20,539	6.0	19,617	5.8	280	13.9	293	15.0
Other	2,488	0.7	2,394	0.7	23	1.1	28	1.4
Not Known	24,802	7.3	25,325	7.6	198	9.8	247	12.6
Total	339,721	100.0	335,162	100.0	2,017	100.0	1,955	100.0

RECORDED OCCURRENCE OF ALCOHOL IN DRIVERS KILLED				
Recorded Occurrence	Number of Drivers*			
	1979	%	1980	%
Apparently Normal	314	45.6	279	46.6
Ability Impaired By Alcohol	262	38.0	216	36.1
Had Been Drinking	113	16.4	104	17.3
Total	689	100.0	599	100.0

*Excludes cases where alcohol usage was not provided.

Driver Condition by Age and Apparent Driver Action in all Motor Vehicle Accidents 1979-1980

DRIVER CONDITION BY AGE IN ALL MOTOR VEHICLE ACCIDENTS

Drivers Age	Normal		Ability Impaired — Alcohol		Had Been Drinking		Other		Not Known		Total	
	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980
Under 16	435	446	9	15	38	63	8	16	66	52	556	592
16	6,056	6,148	93	99	332	351	38	43	258	235	6,777	6,876
17	10,919	10,538	231	246	842	737	83	95	410	394	12,485	12,010
18	13,401	12,487	410	444	1,510	1,225	144	122	546	479	16,011	14,757
19	13,412	12,666	546	536	1,784	1,649	147	157	528	506	16,417	15,514
20	12,317	11,849	551	552	1,612	1,500	155	124	588	496	15,223	14,521
21 - 24	41,024	39,944	1,749	1,691	4,554	4,404	419	371	1,585	1,599	49,331	48,009
25 - 34	73,371	72,548	2,725	2,972	5,160	5,185	555	518	2,340	2,323	84,151	83,546
35 - 44	44,762	44,649	1,576	1,725	2,311	2,290	304	273	1,230	1,292	50,183	50,229
45 - 54	33,124	32,507	1,137	1,235	1,445	1,326	219	241	848	904	36,773	36,213
55 - 64	21,390	21,270	653	603	696	612	173	170	524	538	23,436	23,193
65 - 74	8,960	9,514	157	165	217	227	130	167	227	242	9,691	10,315
75 & Over	2,684	2,819	14	15	26	29	100	89	65	75	2,889	3,027
Not Known	167	131	19	12	12	19	13	8	15,587	16,190	15,798	16,360
Total	282,022	277,516	9,870	10,310	20,539	19,617	2,488	2,394	24,802	25,325	339,721	335,162

APPARENT DRIVER ACTION IN ALL MOTOR VEHICLE ACCIDENTS 1979-1980

Action	1979	% Of Total	1980	% Of Total
Driving Properly	145,648	42.9	142,081	42.4
Following Too Close	16,386	4.8	16,870	5.0
Speed Too Fast	30,526	9.0	28,999	8.7
Improper Turn	12,707	3.7	12,731	3.8
Disobey Traffic Signal	6,289	1.8	6,303	1.9
Disobey Stop Sign	4,667	1.4	4,476	1.3
Fail to Yield Right of Way	35,679	10.5	35,705	10.6
Improper Passing	5,154	1.5	5,130	1.5
Lost Control	25,740	7.6	25,540	7.6
Wrong Way On One-Way Road	322	0.1	319	0.1
Not Known	30,873	9.1	30,732	9.2
Disobey Other Control	227	0.1	203	0.1
Other*	25,503	7.5	26,073	7.7
Total	339,721	100.0	335,162	100.0

*Includes actions defined as Careless Driving, Inattentive Driving, Fell Asleep, Hit and Run, On Wrong Side of Road, Improper Parking, Impaired, Illegally Parked, Dangerous Driving, Inexperience, etc.



Driver Seat Belt Usage by Nature of Injury 1979-1980

DRIVER SEAT BELT USAGE BY NATURE OF INJURY — 1980*

Nature of Injury	Installed — Not In Use		Installed — In Use		Installed Use Unknown		Not Installed		Not Known		Total	
	1980	%	1980	%	1980	%	1980	%	1980	%	1980	%
Killed	370	1.22	143	0.05	137	1.4	14	0.3	18	0.1	682	0.2
Injured	8,780	29.1	38,275	14.4	2,204	22.3	913	16.6	481	2.4	50,653	15.3
Not Injured	21,056	69.7	226,974	85.5	7,553	76.3	4,568	83.1	19,219	97.5	279,370	84.5
Total	30,206	100.0	265,392	100.0	9,894	100.0	5,495	100.0	19,718	100.0	330,705	100.0

DRIVER SEAT BELT USAGE BY NATURE OF INJURY — 1979*

Nature of Injury	Installed — Not In Use		Installed — In Use		Installed Use Unknown		Not Installed		Not Known		Total	
	1979	%	1979	%	1979	%	1979	%	1979	%	1979	%
Killed	388	1.35	147	0.05	87	1.0	20	0.3	26	0.1	668	0.2
Injured	8,449	29.3	38,486	14.2	2,124	23.5	1,073	15.4	486	2.5	50,618	15.1
Not Injured	19,966	69.3	232,583	85.7	6,831	75.5	5,879	84.3	18,793	97.3	284,052	84.7
Total	28,803	100.0	271,216	100.0	9,042	100.0	6,972	100.0	19,305	100.0	335,338	100.0

*Excludes Motorcycle and Moped Drivers

Note: Mandatory usage of seat belts came into effect on January 1, 1976.

In 1980, 80.3% of the drivers involved in motor vehicle accidents were using their seat belts and 9.1% were not using them as compared to 80.9% of the drivers in 1979 who were using their seat belts and 8.6% were not.

During 1980, there were 2.1% more driver fatalities and drivers injured increased 0.07%. Out of the 30,206 drivers involved who had seatbelts installed but not using them, 1.22% (370) were killed, 29.1% (8,780) were injured and 69.7% (21,056) were not injured. In comparison, 0.05% (143) of the 265,392 drivers who were using their seat belts were killed, 14.4% (38,275) were injured and 85.5% (226,974) were not injured.

Passenger Seat Belt Usage by Nature of Injury 1979-1980

PASSENGER SEAT BELT USAGE BY NATURE OF INJURY — 1980*

Nature of Injury	Installed — Not In Use		Installed — In Use		Installed Use Unknown		Not Installed		Not Known		Total	
	1980	%	1980	%	1980	%	1980	%	1980	%	1980	%
Killed	224	0.88	74	0.05	51	0.6	50	0.4	14	0.2	413	0.2
Injured	8,426	33.0	22,255	16.2	1,669	20.0	3,247	26.8	385	6.3	35,982	19.0
Not Injured	16,871	66.1	114,971	83.7	6,623	79.4	8,836	72.8	5,736	93.5	153,037	80.8
Total	25,521	100.0	137,300	100.0	8,343	100.0	12,133	100.0	6,135	100.0	189,432	100.0

PASSENGER SEAT BELT USAGE BY NATURE OF INJURY — 1979*

Nature of Injury	Installed — Not In Use		Installed — In Use		Installed Use Unknown		Not Installed		Not Known		Total	
	1979	%	1979	%	1979	%	1979	%	1979	%	1979	%
Killed	242	0.99	91	0.06	63	0.7	54	0.4	18	0.4	468	0.2
Injured	8,184	33.1	22,643	16.1	1,497	15.8	3,651	25.9	357	7.8	3,633	18.8
Not Injured	16,280	65.9	117,968	83.8	7,902	83.5	10,372	73.7	4,185	91.8	15,670	81.0
Total	24,706	100.0	140,702	100.0	9,462	100.0	14,077	100.0	4,560	100.0	193,507	100.0

*Excludes Motorcycle and Moped Passengers

Note: Mandatory usage of seat belts came into effect on January 1, 1976.

In 1980, 72.5% of the passengers involved in motor vehicle accidents were using their seat belts and 13.5% were not as compared to 72.7% of the passengers in 1979 who were using their seat belts and 12.8% were not.

This year, there was a 11.8% decrease in passenger fatalities and a 1.0% decrease in passengers injured. Out of the 25,521 passengers who had seat belts installed but were not using them, 0.88% (224) were killed, 33.0% (8,426) were injured and 66.1% (16,871) were not injured. In comparison, 0.05% (74) of the 137,300 passengers who were using their seat belts were killed, 16.2% (22,255) were injured and 83.7% (114,971) were not injured.

CHILD RESTRAINT SYSTEMS

During 1979, there were 2,144 children involved in motor vehicle accidents who had child restraint systems available. The in-use data shows that 2 children were killed, 189 were injured and 1,888 not injured. The remaining 9 children injured and 56 not injured were not using the restraint systems or usage was unknown.

This year, 2,516 children were involved in motor vehicle accidents that had child restraint systems available. The in-use data shows that 2 children were killed, 222 injured and 2,200 not injured. The remaining 2 children killed, 23 injured and 67 not injured were not using restraint systems or usage was unknown.

Licensed Drivers as Compared with Drivers Involved in Motor Vehicle Accidents — by Age 1979-1980

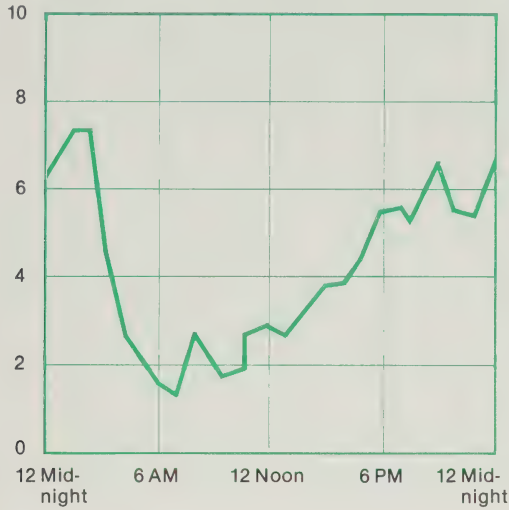
Drivers Age	DRIVERS						% of Drivers of Each Age Involved in Accidents 1980		
	Licensed — 1980			Involved in Accidents — 1980			Male	Female	Total
	Male	Female	Total	Male	Female	Total			
Under 16	—	—	—	485	107	592	—	—	—
16	20,941	9,877	30,818	5,477	1,399	6,876	26.2	14.2	22.3
17	53,480	33,354	86,834	9,470	2,540	12,010	17.7	7.6	13.8
18	64,096	43,839	107,935	11,820	2,937	14,757	18.4	6.7	13.7
19	69,616	49,874	119,490	12,385	3,129	15,514	17.8	6.3	13.0
20	72,645	53,922	126,567	11,503	3,018	14,521	15.8	5.6	11.5
21 - 24	290,488	230,750	521,238	37,104	10,905	48,009	12.8	4.7	9.2
25 - 34	707,508	593,230	1,300,738	62,056	21,490	83,546	8.8	3.6	6.4
35 - 44	531,200	412,340	943,540	36,617	13,612	50,229	6.9	3.3	5.3
45 - 54	455,744	308,624	764,368	27,552	8,661	36,213	6.0	2.8	4.7
55 - 64	353,144	231,029	584,173	17,738	5,455	23,193	5.0	2.4	4.0
65 - 74	204,514	112,330	316,844	7,931	2,384	10,315	3.9	2.1	3.3
75 & Over	65,947	25,039	90,986	2,484	543	3,027	3.8	2.2	3.3
Unknown	—	—	—	—	—	16,360	—	—	—
Total	2,889,323	2,104,208	4,993,531	242,622	76,180	335,162	—	—	—

Drivers Age	DRIVERS						% of Drivers of Each Age Involved in Accidents 1979		
	Licensed — 1979			Involved in Accidents — 1979			Male	Female	Total
	Male	Female	Total	Male	Female	Total			
Under 16	—	—	—	476	80	556	—	—	—
16	25,001	11,693	36,694	5,473	1,304	6,777	21.9	11.2	18.5
17	54,127	33,333	87,460	10,004	2,481	12,485	18.5	7.4	14.3
18	65,036	43,683	108,719	13,016	2,995	16,011	20.0	6.9	14.7
19	70,271	49,473	119,744	13,309	3,108	16,417	18.9	6.3	13.7
20	71,701	52,473	124,174	12,325	2,898	15,223	17.2	5.5	12.3
21 - 24	287,612	224,768	512,380	38,551	10,780	49,331	13.4	4.8	9.6
25 - 34	694,961	569,167	1,264,128	63,515	20,636	84,151	9.1	3.6	6.7
35 - 44	518,778	393,741	912,519	37,189	12,994	50,183	7.2	3.3	5.5
45 - 54	452,945	302,148	755,093	28,163	8,610	36,773	6.2	2.8	4.9
55 - 64	340,062	218,949	559,011	18,245	5,191	23,436	5.4	2.4	4.2
65 - 74	194,282	102,993	297,275	7,633	2,058	9,691	3.9	2.0	3.3
75 & Over	59,663	21,491	81,154	2,390	499	2,889	4.0	2.3	3.6
Unknown	—	—	—	—	—	15,798	—	—	—
Total	2,834,439	2,023,912	4,858,351	250,289	73,634	339,721	—	—	—

Persons Killed by Time of Day and Week 1980

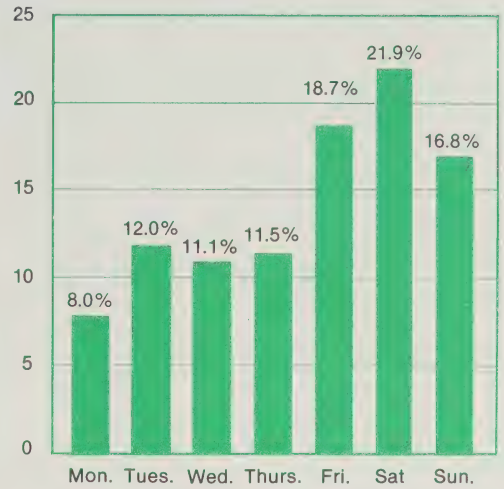
Percent
of Total

TIME OF DAY



Percent
of Total

DAY OF WEEK



PERSONS KILLED BY TIME OF DAY AND DAY OF WEEK

Time	Total	%	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Sun.
12 - 01 AM	111	7.4	5	9	13	12	14	26	32
01 - 02 "	111	7.4	2	7	8	9	10	34	41
02 - 03 "	73	4.8	—	2	7	4	6	27	27
03 - 04 "	41	2.7	4	5	3	1	5	12	11
04 - 05 "	24	1.6	—	—	—	3	3	9	9
05 - 06 "	28	1.9	1	1	3	4	9	5	5
06 - 07 "	22	1.5	—	8	1	2	1	4	6
07 - 08 "	43	2.9	7	5	6	1	7	12	5
08 - 09 "	25	1.6	7	4	3	3	4	3	1
09 - 10 "	29	1.9	3	7	3	5	5	5	1
10 - 11 "	45	3.0	3	8	6	5	5	16	2
11 - 12 "	47	3.1	4	9	5	3	6	15	5
12 - 01 PM	44	2.9	6	5	6	5	11	8	3
01 - 02 "	51	3.4	4	10	12	7	5	6	7
02 - 03 "	58	3.8	4	7	3	10	14	11	9
03 - 04 "	59	3.9	6	6	9	8	16	9	5
04 - 05 "	66	4.4	9	10	10	12	7	12	6
05 - 06 "	86	5.7	10	8	9	10	20	14	15
06 - 07 "	87	5.8	10	15	13	7	21	14	7
07 - 08 "	78	5.2	4	6	10	11	18	20	9
08 - 09 "	102	6.8	10	12	14	19	18	17	12
09 - 10 "	85	5.6	9	15	6	6	14	21	14
10 - 11 "	79	5.2	5	6	5	15	29	10	9
11 - 12 "	97	6.4	4	15	10	12	32	15	9
Unknown	17	1.1	3	1	2	—	2	6	3
Total	1,508	100.0	120	181	167	174	282	331	253

Motor Vehicle Deaths by Month of Occurrence 1971 - 1980

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
January	92	121	130	94	139	71	74	61	113	108
February	80	89	84	89	85	76	74	73	75	98
March	87	105	122	118	114	86	89	64	97	92
April	101	134	116	101	77	96	82	92	108	86
May	130	155	147	150	136	129	121	111	110	135
June	151	203	183	150	148	147	150	146	155	143
July	195	192	211	191	200	166	165	176	137	182
August	224	195	256	214	203	191	162	164	187	164
September	191	225	207	173	189	144	121	159	153	171
October	188	186	196	170	181	126	141	156	140	112
November	169	172	153	175	169	126	124	132	126	123
December	161	157	154	123	159	153	117	116	159	94
Total	1,769	1,934	1,959	1,748	1,800	1,511	1,420	1,450	1,560	1,508

Motor Vehicle Injuries by Month of Occurrence 1971 - 1980

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
January	5,704	6,930	6,073	7,088	6,489	6,152	8,629	7,774	7,790	6,098
February	5,921	7,081	6,426	5,909	6,923	5,228	5,886	5,730	6,967	6,756
March	5,528	6,557	6,784	7,047	6,546	5,204	5,856	6,047	6,469	6,804
April	4,704	6,141	7,181	6,487	5,922	5,608	6,653	5,956	6,903	6,918
May	5,338	7,597	8,543	8,302	8,480	6,702	7,885	7,745	8,011	8,323
June	7,461	8,636	9,267	9,553	9,628	7,824	8,416	8,589	9,138	9,309
July	8,680	9,233	9,141	9,761	9,006	8,439	9,478	9,376	9,455	9,674
August	8,435	9,355	9,222	9,750	9,898	8,187	9,020	9,114	9,501	9,932
September	7,728	8,747	9,018	8,709	8,562	7,683	8,997	9,168	9,067	9,385
October	8,653	8,657	9,418	8,458	8,231	7,750	8,342	8,407	9,500	9,555
November	8,130	7,797	7,976	8,821	8,651	6,651	8,616	8,410	9,210	9,205
December	8,368	8,450	8,741	8,788	8,698	8,308	7,886	8,663	9,310	9,408
Total	84,650	95,181	97,790	98,673	97,034	83,736	95,664	94,979	101,321	101,367

Fatalities/Injuries on Long Weekends

LONG WEEKEND FATAL MOTOR VEHICLE ACCIDENTS — 1980 (From Friday 6 p.m. to Monday Midnight)									
Weekend	No. of Fatal Accidents	Drivers		Passengers		Other Victims*		Total	
		Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Victoria Day	42	4	4	3	11	7	1	14	16
Dominion Day*	—	—	—	—	—	—	—	—	—
Civic Day	15	9	9	4	21	4	—	17	30
Labour Day	19	12	7	4	42	6	—	22	49
Thanksgiving Day	24	12	19	10	20	3	1	25	40

*Dominion Day was on Tuesday

LONG WEEKEND FATAL MOTOR VEHICLE ACCIDENTS — 1979 (From Friday 6 p.m. to Monday Midnight)									
Weekend	No. of Fatal Accidents	Drivers		Passengers		Other Victims*		Total	
		Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Victoria Day	19	7	9	4	24	8	2	19	35
Dominion Day	26	10	16	9	19	13	—	32	35
Civic Day	15	5	5	9	18	8	—	22	23
Labour Day	14	2	13	9	15	6	2	17	30
Thanksgiving Day	11	7	15	11	14	3	—	21	19

*Includes Motorcycle, Moped Drivers and Passengers; Pedestrians; Bicyclists

MOTOR VEHICLE ACCIDENTS INVOLVING SCHOOL VEHICLES — SCHOOL YEARS 1970-71 — 1979-80												
School Year	Pupils Transported Daily	Total Number of Accidents (1)	PUPIL FATALITIES/PERSONAL INJURIES								Injury Rate Per 100,000 Pupils	
			Crossing Road (2)		Within School Vehicle		Other		Total		Fatal	Non Fatal
			F.	P.I.	F.	P.I.	F.	P.I.	F.	P.I.		
1970-71	523,284	490	0	21	1	151	2	36*	3	208	0.6	40
1971-72	545,046	508	0	9	1	153	1	19	2	181	0.4	33
1972-73	558,549	542	0	9	0	233**	3†	18	3	260	0.6	47
1973-74	592,026	575	1	6	0	364***	0	17	1	387	0.2	65
1974-75	578,817	622	4	19	2	205	0	28	6	252	1.1	45
1975-76	594,410	727	2	14	2	155	1	24	5	193	0.8	32
1976-77	600,082	793	0	10	0	247††	1	10	1	267	0.2	44
1977-78	601,583	866	1	19	0	259‡‡‡	2	18	3	296	0.5	49
1978-79	599,776	838	0	12	1	285‡	1	28	2	325	0.3	54
1979-80	601,813	765	0	12	1	250	3	48	4	310	0.7	52

MOTOR VEHICLE ACCIDENTS STATISTICS INVOLVING SCHOOL VEHICLES—SCHOOL YEARS 1978-79—1979-80													
Type of School Vehicle	Nature of Accident				Total Number of Accidents (1)	PUPIL FATALITIES/PERSONAL INJURIES						Total	
						Crossing Road (2)		Within School Vehicle		Other			
	Fatal	Pupil Injury	Non Pupil Injury	Property Damage		Fatal- ities	Personal Injuries	Fatal- ities	Personal Injuries	Fatal- ities	Personal Injuries	Fatal- ities	Personal Injuries
1979-80													
School													
Bus	6	86	142	450	684	—	11	—	228	3	46	3	285
Van	2	14	12	43	71	—	1	1	20	—	1	1	22
Station	—	3	2	4	9	—	—	—	2	—	1	—	3
Wagon													
Other	—	—	—	1	1	—	—	—	—	—	—	—	—
Buses													
Total	8	103	156	498	765	—	12	1	250	3	48	4	310
1978-79													
School													
Bus	6	96	133	513	748	—	11	1	262‡	1	22	2	295
Van	1	14	15	41	71	—	1	—	22	—	5	—	28
Station	—	—	3	3	6	—	—	—	—	—	—	—	—
Wagon													
Other	—	2	2	9	13	—	—	—	1	—	1	—	2
Buses													
Total	7	112	153	566	838	—	12	1	285	1	28	2	325

- (1) Accidents involving a school vehicle directly or indirectly while transporting pupils to or from school.
- (2) Pupil struck by approaching vehicle (excluding school vehicle) while waiting to board school vehicle, crossing road to board or after leaving school vehicle.
- * Includes one accident resulting in fifteen pupil injuries.
- ** Includes 3 separate accidents resulting in a total of fifty-six pupil injuries (27, 17, 12).
- *** Includes 6 separate accidents resulting in a total of 195 pupil injuries (46, 39, 35, 32, 25, 18).
- † Includes one school age pedestrian who ran across a street into the path of an oncoming bus; two pupils, after being-discharged were fatally injured by school buses while attempting to cross the streets in front of the buses.
- †† Includes 7 separate accidents resulting in a total of 124 pupil injuries (48, 19, 13, 13, 11, 10, 10).
- ‡‡‡ Includes 7 separate accidents resulting in a total of 156 pupil injuries (36, 35, 25, 18, 16, 14, 12).
- ‡ Includes 6 separate accidents resulting in a total of 110 pupil injuries (30, 22, 19, 16, 13, 10).

Motor Vehicle Accidents by Type (Based on Initial Impact)

1971 - 1980

FATAL ACCIDENTS INVOLVING										
Year	Single Motor Vehicle	Motor Vehicle And								Total
		Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor	Animal	Other†	
1971	442	611	335	51	34	—	1	7	17	1,498
1972	444	666	364	65	43	—	4	5	29	1,620
1973	488	676	321	69	42	1	8	3	17	1,625
1974	457	630	288	45	34	—	3	4	9	1,470
1975	480	651	273	64*	22	2	6	7	15	1,520
1976	376	567	228	46	28	2	2	1	15	1,265
1977	379	512	235	47	22	—	6	2	10	1,213
1978	378	526	263	49	28	—	6	2	11	1,263
1979	415	563	252	45	21	1	8	1	10	1,316
1980	463	521	247	30	17	—	5	4	9	1,296

PERSONAL INJURY ACCIDENTS INVOLVING										
Year	Single Motor Vehicle	Motor Vehicle And								Total
		Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor	Animal	Other†	
1971	13,163	32,407	6,699	2,472	142	92	77	230	835	56,117
1972	15,203	36,822	7,060	3,120	141	80	101	233	781	63,541
1973	16,733	37,564	6,827	3,329	131	89	90	237	335	65,335
1974	17,515	37,831	6,680	3,446	137	118	83	253	289	66,352
1975	17,274	36,914	6,570	4,218*	125	131	101	265	213	65,811
1976	14,700	32,682	6,502	3,432	116	84	76	192	244	58,028
1977	16,155	37,530	6,243	3,182	98	108	82	211	178	63,787
1978	16,093	37,406	5,614	2,881	94	82	85	229	180	62,664
1979	18,063	39,613	5,726	3,128	106	111	96	186	172	67,201
1980	18,382	39,296	5,822	3,284	93	89	82	230	113	67,391

ALL MOTOR VEHICLE ACCIDENTS INVOLVING										
Year	Single Motor Vehicle	Motor Vehicle And								Total
		Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor	Animal	Other†	
1971	32,167	112,671	7,037	2,541	366	298	219	1,402	2,130	158,831
1972	39,033	135,500	7,438	3,217	390	287	250	1,397	1,982	189,494
1973	41,965	137,039	7,161	3,412	322	353	254	1,554	961	193,021
1974	45,720	144,447	6,977	3,508	366	412	224	1,892	725	204,271
1975	48,283	150,252	6,860	4,328*	328	536	306	2,159	637	213,689
1976	44,422	153,559	6,739	3,497	321	455	316	1,792	764	211,865
1977	44,457	160,866	6,482	3,271	275	462	294	1,879	581	218,567
1978	40,332	134,590	5,881	2,969	237	311	234	1,361	448	186,363
1979	45,763	139,539	5,978	3,198	257	335	240	1,460	426	197,196
1980	47,417	136,754	6,072	3,355	228	352	243	1,761	319	196,501

* Includes Moped Driver.

† Includes Horse Drawn Vehicles.

Type and Condition of Vehicles Involved in All Accidents 1980

TYPE OF VEHICLE INVOLVED IN ALL ACCIDENTS — 1980				
Type of Vehicle	In All Accidents	In Fatal	In Personal Injury	In Property Damage
Passenger Car	278,255	1,407	92,326	184,522
Passenger Car & Trailer	890	7	247	636
Truck	47,296	314	14,437	32,545
Truck & Trailer	776	9	205	562
Tractor & Semi-Trailer	5,610	129	1,691	3,790
Motorcycle	4,489	103	3,999	387
Bus	2,494	17	883	1,594
School Bus	850	5	266	579
Other — Or Not Known	13,503	11	2,262	11,230
Non Motor Vehicle	4,895	73	3,903	919
Total	359,058	2,075	120,219	236,764

TYPE AND CONDITION OF VEHICLES INVOLVED — ALL ACCIDENTS — 1980											
Condition	Passenger Car	Passenger Car & Trailer	Truck	Truck & Trailer	Tractor Semi-Trailer	Motorcycle	Bus	School Bus	Other Motor Vehicle	Non Motor Vehicle	Total
No Apparent Defect	267,632	775	44,520	648	5,038	4,158	2,418	819	963	4,274	331,245
Service Brakes Defective	809	2	345	8	84	25	16	4	6	114	1,413
Steering Defective	216	2	95	2	13	11	1	1	—	4	345
Tire Puncture or Blow Out	864	11	231	9	53	33	1	2	4	—	1,208
Tire Tread Insufficient	694	1	163	1	8	21	4	2	1	2	897
Headlamps Defective	104	—	37	1	3	13	—	—	8	50	216
Other Lamps or Reflectors Defective	230	11	129	12	20	4	2	—	6	40	454
Engine Controls Defective	477	2	85	1	15	15	—	1	—	2	598
Wheels or Suspension Defective	163	8	95	8	56	19	3	2	6	1	361
Vision Obscured	172	—	29	—	3	—	—	—	1	6	211
Trailer Hitch Defective	13	43	30	50	43	1	—	—	15	3	198
Other Defects	1,245	23	408	21	109	48	14	2	60	121	2,051
Not Known	5,636	12	1,129	15	165	141	35	17	12,433	278	19,861
Total	278,255	890	47,296	776	5,610	4,489	2,494	850	13,503	4,895	359,058

Motor Vehicle Accidents by Place of Occurrence 1971 - 1980

FATAL ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1971	458	128	534	378	1,498
1972	473	105	673	369	1,620
1973	404	132	606	483	1,625
1974	385	118	565	402	1,470
1975	487	143	537	353	1,520
1976	366	89	467	343	1,265
1977	389	70	415	339	1,213
1978	433	95	418	317	1,263
1979	457	99	434	326	1,316
1980	460	92	444	300	1,296

PERSONAL INJURY ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1971	34,794	1,846	10,421	9,056	56,117
1972	39,685	3,861	10,137	9,858	63,541
1973	37,067	3,780	10,351	14,137	65,335
1974	33,573	3,780	10,097	18,902	66,352
1975	32,923	3,955	10,085	18,848	65,811
1976	29,243	3,037	8,412	17,336	58,028
1977	34,540	3,652	9,364	16,231	63,787
1978	41,207	4,071	8,779	8,607	62,664
1979	44,078	4,353	9,246	9,524	67,201
1980	44,397	4,159	8,853	9,982	67,391

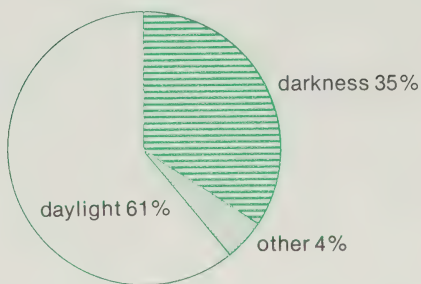
ALL MOTOR VEHICLE ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1971	100,479	9,070	24,222	25,060	158,831
1972	123,366	8,786	29,713	27,629	189,494
1973	114,170	11,333	26,882	40,636	193,021
1974	108,552	11,562	27,495	56,662	204,271
1975	112,358	12,693	28,465	60,173	213,689
1976	113,199	11,165	26,028	61,473	211,865
1977	127,764	12,470	26,570	51,763	218,567
1978	128,595	11,963	22,339	23,466	186,363**
1979	135,980	13,114	23,082	25,020	197,196
1980	135,533	12,452	22,216	26,300	196,501

*Includes Secondary Highways.

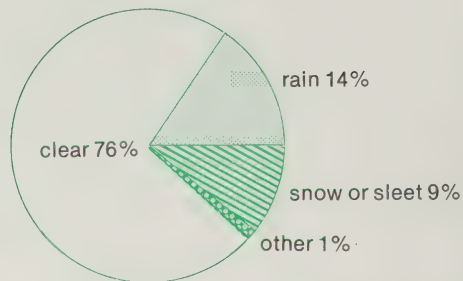
**Minimum reportable property damage amount changed from over \$200 to over \$400 on January 1, 1978.

All Accidents — 1980 — Light Condition, Visibility and Road Location

Light Condition



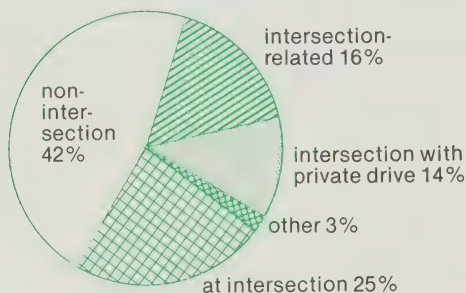
Visibility



Light Condition	Total	Fatal	Personal Injury	Property Damage
Daylight	119,320	544	40,111	78,665
Dawn	2,226	20	728	1,478
Dusk	6,974	31	2,403	4,540
Darkness	67,981	701	24,149	43,131
Total	196,501	1,296	67,391	127,814

Visibility	Total	Fatal	Personal Injury	Property Damage
Clear	149,966	1,061	52,643	96,262
Rain	26,588	121	9,224	17,243
Snow or Sleet	17,870	68	4,691	13,111
Fog, Mist, Smoke, or Dust	2,077	46	833	1,198
Total	196,501	1,296	67,391	127,814

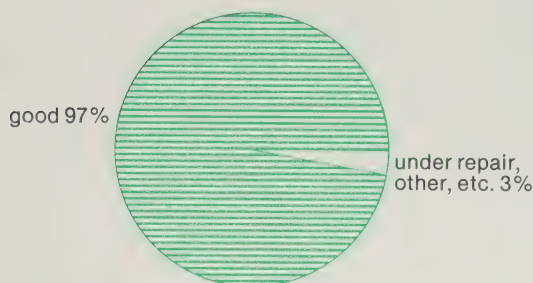
Road Location



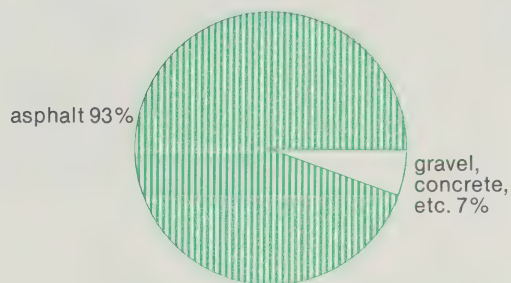
Road Location	Total	Fatal	Personal Injury	Property Damage
Non-Intersection	82,578	843	28,714	53,021
Intersection-Related	32,406	79	11,249	21,078
At Intersection	49,790	202	18,334	31,254
Intersection with Private Drive	28,170	121	7,810	20,239
At Railroad Crossing	732	17	280	435
Underpass or Tunnel	341	3	111	227
Overpass or Bridge	1,814	23	643	1,148
Other	670	8	250	412
Total	196,501	1,296	67,391	127,814

All Accidents — 1980 — Road Condition, Road Type and Road Surface Condition

Road Condition



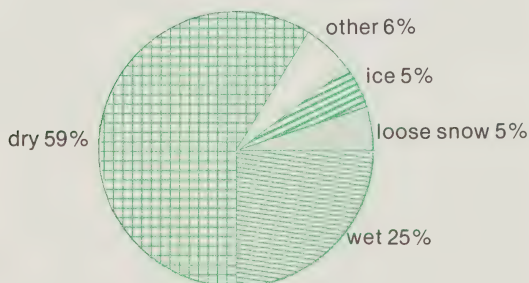
Road Type



Road Condition	Total	Fatal	Personal Injury	Property Damage
Good	191,612	1,266	65,689	124,657
Under Repair	867	1	306	560
Under Const.	1,747	14	639	1,094
Other	2,275	15	757	1,503
Total	196,501	1,296	67,391	127,814

Road Type	Total	Fatal	Personal Injury	Property Damage
Asphalt	182,852	1,183	62,622	119,047
Gravel or Crushed Stone	8,627	88	3,131	5,408
Concrete	4,042	15	1,305	2,722
Earth	595	3	191	401
Other	385	7	142	236
Total	196,501	1,296	67,391	127,814

Road Surface Condition



Road Surface Condition	Total	Fatal	Personal Injury	Property Damage
Dry	115,307	908	42,422	71,977
Wet	48,325	259	16,518	31,548
Loose Snow	9,062	28	2,221	6,813
Slush	5,293	23	1,448	3,822
Packed Snow	7,125	26	1,674	5,425
Ice	9,938	39	2,554	7,345
Mud	135	—	36	99
Loose Sand or Gravel	1,316	13	518	785
Total	196,501	1,296	67,391	127,814

Statistics Relating to Motor Vehicle Accidents By Counties, Districts, Regional Municipalities, Ontario Cities, Towns and Villages — 1980



Statistics Relating to Motor Vehicle Accidents by Counties, Districts and Regional Municipalities — 1980

County, District or Regional Municipality	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Algoma	4,028	36	1,320	2,672	45	1,995
Brant	2,498	15	835	1,648	16	1,266
Bruce	1,194	16	395	783	20	619
Cochrane	1,986	16	647	1,323	16	943
Dufferin	763	7	267	489	7	464
Dundas	416	7	110	299	8	183
Durham	5,617	44	2,151	3,422	56	3,367
Elgin	1,295	13	517	765	16	814
Essex	7,175	50	2,638	4,487	55	4,012
Frontenac	2,542	13	841	1,688	15	1,247
Glengarry	515	8	187	320	8	315
Grenville	520	8	188	324	13	306
Grey	1,509	13	544	952	15	873
Haldimand-Norfolk	1,931	30	704	1,197	31	1,138
Haliburton	411	9	152	250	14	240
Halton	5,564	41	1,939	3,584	49	2,961
Hamilton-Wentworth	9,417	47	3,673	5,697	49	5,558
Hastings	2,398	24	849	1,525	31	1,269
Huron	1,116	14	354	748	17	526
Kenora	1,449	26	475	948	34	797
Kent	2,282	22	850	1,410	24	1,315
Lambton	2,710	24	964	1,722	29	1,489
Lanark	1,029	14	348	667	17	545
Leeds	1,065	12	375	678	13	575
Lennox & Addington	655	10	247	398	11	388
Manitoulin	249	5	94	150	7	163
Middlesex	7,325	38	2,767	4,520	47	4,115
Muskoka	1,184	22	426	736	27	714
Niagara	8,824	48	3,051	5,725	53	4,568
Nipissing	1,886	19	663	1,204	26	1,071
Northumberland	1,392	15	557	820	16	892
Ottawa-Carleton	12,994	53	3,521	9,420	61	4,996
Oxford	1,872	23	677	1,172	27	1,035
Parry Sound	1,023	20	392	611	22	692
Peel	10,478	60	3,476	6,942	66	5,262
Perth	1,263	17	402	844	20	675
Peterborough	2,459	18	917	1,524	22	1,430
Prescott	727	14	227	486	16	364
Prince Edward	380	5	123	252	5	202
Rainy River	612	7	157	448	7	271
Renfrew	1,869	22	670	1,177	27	1,044
Russell	390	5	134	251	6	220
Simcoe	5,165	36	1,862	3,267	39	3,010
Stormont	1,446	10	502	934	11	739
Sudbury	4,083	39	1,518	2,526	42	2,402
Thunder Bay	4,984	45	1,394	3,545	61	2,155
Timiskaming	985	15	302	668	18	498
Victoria	1,070	8	391	671	9	627
Waterloo	6,649	34	2,230	4,385	42	3,399
Wellington	2,592	25	867	1,700	27	1,387
*York	54,515	174	18,501	35,840	195	26,231
Total	196,501	1,296	67,391	127,814	1,508	101,367

*Includes Metropolitan Toronto

Statistics Relating to Motor Vehicle Accidents in Ontario Cities, Towns and Villages — 1980

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Ailsa Craig	8	0	3	5	0	4
Ajax	296	3	131	162	3	208
Alexandria	104	0	24	80	0	31
Alfred	1	0	0	1	0	0
Alliston	63	0	16	47	0	21
Almonte	34	1	14	19	1	23
Alvinston	6	1	0	5	1	0
Amherstburg	79	0	22	57	0	30
Ancaster	196	4	75	117	4	127
Angus	18	0	4	14	0	4
Arkona	6	0	4	2	0	6
Arnprior	103	2	28	73	2	45
Arthur	25	0	8	17	0	15
Athens	7	0	2	5	0	3
Atikokan	16	0	4	12	0	5
Aurora	301	1	100	200	1	146
Aylmer	71	0	25	46	0	32
Ayton	5	0	1	4	0	1
Balmertown	6	0	2	4	0	2
Bancroft	54	0	27	27	0	40
Barrie	846	2	258	586	2	391
Barrys Bay	24	0	6	18	0	9
Bath	1	0	0	1	0	0
Bayfield	6	0	1	5	0	1
Beachburg	2	0	0	2	0	0
Beeton	14	0	4	10	0	4
Belle River	26	0	13	13	0	20
Belleville	798	3	226	569	3	310
Belmont	8	0	2	6	0	3
Blenheim	74	0	22	52	0	29
Blind River	66	0	15	51	0	17
Bloomfield	9	0	5	4	0	8
Blyth	6	0	0	6	0	0
Bobcaygeon	25	0	5	20	0	8
Bothwell	18	0	6	12	0	7
Bracebridge	90	0	24	66	0	36
Bradford	114	0	33	81	0	44
Braeside	1	0	0	1	0	0
Brampton	2,512	11	818	1,683	12	1,244
Brantford	1,514	4	471	1,039	4	665
Brighton	31	1	11	19	1	20
Brock	51	3	17	31	5	32
Brockville	339	1	102	236	1	144
Bruce Mines	6	0	1	5	0	3
Brussels	14	0	1	13	0	1
Burk's Falls	5	0	2	3	0	2
Burlington	1,832	11	612	1,209	13	894
Cache Bay	6	0	2	4	0	2
Caledon	522	7	191	324	8	306

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Cambridge	1,436	8	512	916	8	799
Campbellford	56	0	8	48	0	12
Cardinal	14	0	4	10	0	5
Carleton Place	93	0	27	66	0	38
Casselman	11	0	3	8	0	3
Chalk River	6	0	2	4	0	3
Chatham	905	2	293	610	2	403
Chesley	16	0	5	11	0	8
Chesterville	24	0	1	23	0	2
Chute a Blondeau	1	0	1	0	0	1
Clarksburg	3	0	1	2	0	2
Clifford	5	0	2	3	0	3
Clinton	60	0	15	45	0	22
Cobalt	26	0	4	22	0	4
Cobden	6	0	0	6	0	0
Cobourg	208	0	78	130	0	126
Cochrane	75	0	14	61	0	20
Coboconk	2	0	1	1	0	1
Colborne	18	0	8	10	0	10
Coldwater	11	0	3	8	0	4
Collingwood	197	1	78	118	1	105
Comber	1	0	0	1	0	0
Cookstown	8	0	2	6	0	4
Cornwall	1,089	3	350	736	3	485
Creemore	4	0	1	3	0	2
Cumberland	109	0	40	69	0	54
Deep River	20	0	9	11	0	10
Delhi	96	2	38	56	2	65
Deseronto	14	0	7	7	0	9
Dorchester	6	0	1	5	0	1
Drayton	6	0	0	6	0	0
Dresden	26	0	6	20	0	9
Dryden	141	0	28	113	0	41
Dundalk	10	0	4	6	0	4
Dundas	262	1	101	160	1	147
Dunnville	175	2	56	117	2	80
Durham	52	0	18	34	0	31
Dutton	4	0	0	4	0	0
Ear Falls	2	0	1	1	0	1
East Gwillimbury	55	0	19	36	0	32
Eganville	22	0	4	18	0	4
Elgin	1	0	0	1	0	0
Elliot Lake	282	1	68	213	2	80
Elmvale	18	0	7	11	0	10
Elora	37	0	11	26	0	16
Embrun	10	0	1	9	0	1
Englehart	13	0	4	9	0	5
Erieau	7	0	4	3	0	5
Erin	25	0	7	18	0	8

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Espanola	62	0	14	48	0	20
Essex	72	0	11	61	0	16
Exeter	56	1	19	36	1	23
Fenelon Falls	21	0	5	16	0	5
Fergus	90	0	30	60	0	38
Finch	2	0	1	1	0	1
Flesherton	9	0	5	4	0	7
Florence	2	0	1	1	0	1
Forest	29	0	11	18	0	12
Fort Erie	579	6	189	384	6	278
Fort Frances	229	1	57	171	1	97
Frankford	25	1	10	14	1	15
Gananoque	69	0	20	49	0	28
Geraldton	43	0	10	33	0	12
Glencoe	23	0	6	17	0	9
Goderich	135	1	24	110	1	35
Gore Bay	8	0	2	6	0	2
Grand Bend	26	0	10	16	0	15
Grand Valley	5	0	2	3	0	3
Gravenhurst	71	0	19	52	0	33
Grimsby	227	1	86	140	3	131
Guelph	1,120	4	354	762	4	526
Haldimand	117	3	40	74	3	62
Haileybury	43	1	12	30	2	20
Halton Hills	690	4	228	458	4	362
Hamilton	6,811	18	2,660	4,133	18	3,856
Hanover	111	0	31	80	0	42
Harriston	11	0	5	6	0	7
Harrow	39	0	13	26	0	19
Hastings	1	0	1	0	0	1
Havelock	20	0	5	15	0	6
Hawkesbury	254	2	56	196	2	75
Hearst	64	0	21	43	0	23
Hensall	10	0	2	8	0	2
Hepworth	1	0	1	0	0	1
Highgate	1	0	0	1	0	0
Hillsburgh	2	0	2	0	0	2
Huntsville	86	0	25	61	0	30
Ingersoll	185	0	60	125	0	85
Inwood	1	0	0	1	0	0
Iron Bridge	5	0	2	3	0	3
Iroquois	9	0	1	8	0	2
Iroquois Falls	77	0	13	64	0	14
Kapuskasing	175	2	52	121	2	63
Kearney	3	0	1	2	0	1
Keewatin	30	0	10	20	0	14
Kemptville	29	0	4	25	0	4
Kenora	190	2	62	126	2	93

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Killaloe Station	5	0	1	4	0	1
Kincardine	67	0	16	51	0	25
Kingston	1,282	1	398	883	1	535
Kingsville	59	0	12	47	0	20
Kitchener	2,828	7	915	1,906	9	1,341
Lakefield	34	0	11	23	0	17
Lanark	6	0	0	6	0	0
Lancaster	6	0	2	4	0	3
Latchford	2	0	0	2	0	0
Leamington	279	1	60	218	1	78
Lincoln	238	2	91	145	2	133
Lindsay	219	0	68	151	0	97
Lions Head	2	0	0	2	0	0
Listowel	100	0	24	76	0	36
Little Current	11	1	3	7	1	7
London	5,526	19	2,001	3,506	21	2,817
Lorignal	10	1	0	9	1	1
Lucan	20	0	5	15	0	6
Lucknow	14	1	5	8	1	6
Madoc	16	0	3	13	0	4
Markdale	16	1	8	7	1	11
Markham	786	7	248	531	7	360
Marmora	19	0	8	11	0	10
Massey	10	0	3	7	0	3
Mattawa	24	0	6	18	0	7
Maxville	9	0	1	8	0	1
Meaford	56	0	13	43	0	15
Merlin	5	0	3	2	0	4
Merrickville	7	0	3	4	0	3
Midland	224	2	77	145	2	115
Mildmay	13	0	2	11	0	2
Millbrook	6	0	1	5	0	3
Milton	614	7	237	370	12	380
Milverton	10	0	3	7	0	4
Mississauga	5,509	24	1,765	3,720	25	2,560
Mitchell	49	0	10	39	0	12
Moorefield	1	0	1	0	0	1
Morrisburg	20	0	3	17	0	7
Mount Brydges	1	0	0	1	0	0
Mount Forest	66	0	22	44	0	28
Nanticoke	214	3	82	129	3	128
Napanee	67	0	33	34	0	46
Nepean	896	5	245	646	6	371
Neustadt	3	0	1	2	0	2
Newburgh	1	0	1	0	0	1
Newbury	2	0	2	0	0	2
Newcastle	476	6	196	274	9	311
New Liskeard	92	1	18	73	1	27
Newmarket	312	2	99	211	2	137
Niagara-on-the-Lake	238	1	89	148	1	134

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Niagara Falls	1,694	4	575	1,115	4	897
North Bay	862	3	268	591	4	401
Norwood	10	0	2	8	0	2
Nottawa	1	0	0	1	0	0
Oakville	1,326	6	440	880	6	623
Oil Springs	2	0	1	1	0	2
Omemee	12	0	5	7	0	10
Orangeville	253	0	67	186	0	112
Orillia	370	0	124	246	0	189
Oshawa	2,049	5	735	1,309	6	1,081
Ottawa	8,022	17	2,100	5,905	17	2,887
Owen Sound	282	0	97	185	0	135
Paisley	3	0	0	3	0	0
Palmerston	12	0	3	9	0	3
Paris	120	0	38	82	0	50
Parkhill	15	0	5	10	0	7
Parry Sound	92	2	29	61	2	48
Pelham	174	2	63	109	2	99
Pembroke	317	1	102	214	2	154
Penetanguishene	84	0	20	64	0	31
Perth	143	0	38	105	0	55
Petawawa	26	0	7	19	0	9
Peterborough	1,335	1	454	880	1	616
Petrolia	71	1	23	47	1	38
Pickering	451	4	180	267	5	259
Picton	88	0	18	70	0	27
Plantagenet	8	0	1	7	0	2
Point Edward	61	0	29	32	0	53
Port Burwell	5	0	1	4	0	1
Port Colborne	336	3	100	233	3	123
Port Elgin	83	0	28	55	0	34
Port Hope	79	0	32	47	0	50
Port McNicoll	8	0	3	5	0	3
Port Stanley	35	1	9	25	1	14
Powassan	7	0	4	3	0	8
Prescott	85	0	24	61	0	30
Rainy River	13	0	2	11	0	2
Rayside-Balfour	116	2	43	71	2	65
Red Rock	7	0	1	6	0	1
Renfrew	167	1	54	112	1	87
Richmond Hill	476	2	164	310	2	236
Ridgetown	31	0	9	22	0	13
Ripley	1	0	0	1	0	0
Rockcliffe Park	18	0	4	14	0	5
Rockland	46	0	11	35	0	16
Rockwood	4	0	0	4	0	0
Rodney	13	0	3	10	0	3
Russell	2	0	0	2	0	0

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
St. Catharines	2,598	10	889	1,699	10	1,277
St. Clair Beach	20	0	6	14	0	6
St. Isidore De Prescott	8	0	1	7	0	1
St. Marys	50	0	8	42	0	9
St. Thomas	393	1	156	236	2	221
Sarnia	1,259	6	391	862	6	579
Sault Ste. Marie	2,426	4	737	1,685	4	1,036
Seaforth	31	0	10	21	0	12
Shelburne	33	0	3	30	0	3
Simcoe	348	0	113	235	0	163
Sioux Lookout	50	0	13	37	0	17
Sioux Narrows	1	0	1	0	0	2
Smiths Falls	208	1	40	167	1	59
Smooth Rock Falls	16	0	6	10	0	6
Sombra	1	0	0	1	0	0
Southampton	44	0	12	32	0	19
South River	4	0	1	3	0	1
Springfield	4	0	0	4	0	0
Stayner	40	0	15	25	0	27
Stirling	17	0	7	10	0	12
Stoney Creek	548	4	226	318	4	375
Stoney Point	4	0	4	0	0	7
Stratford	506	0	144	362	0	200
Strathroy	118	0	37	81	0	46
Sturgeon Falls	84	0	30	54	0	51
Sudbury	2,230	11	816	1,403	12	1,274
Sundridge	8	1	2	5	1	4
Tara	1	0	0	1	0	0
Tecumseh	67	0	26	41	0	31
Teeswater	5	0	1	4	0	1
Thamesville	20	0	7	13	0	7
Thedford	8	0	3	5	0	5
Thessalon	13	0	1	12	0	1
Thornbury	20	0	7	13	0	14
Thorold	216	0	70	146	0	106
Thunder Bay	3,108	13	769	2,326	13	1,097
Tilbury	69	0	19	50	0	24
Tillsonburg	178	1	67	110	1	84
Timmins	879	3	269	607	3	380
Tiverton	2	0	1	1	0	2
Toronto	44,343	113	14,919	29,311	120	20,601
Tottenham	20	0	8	12	0	11
Trenton	299	2	92	205	2	121
Trout Creek	3	0	1	2	0	1
Tweed	17	0	5	12	0	7
Valley East	198	6	76	116	6	128
Vanier	520	1	125	394	1	165
Vankleek Hill	21	0	4	17	0	5

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Vaughan	550	1	207	342	1	334
Victoria Harbour	11	0	5	6	0	7
Vienna	4	0	0	4	0	0
Walkerton	78	1	12	65	1	17
Wallaceburg	196	0	54	142	0	74
Wardsville	1	0	0	1	0	0
Warkworth	3	0	1	2	0	2
Wasaga Beach	107	3	51	53	3	78
Waterloo	1,002	4	332	666	4	499
Watford	19	0	6	13	0	9
Webbwood	3	0	0	3	0	0
Welland	1,024	2	331	691	2	470
Wellington	13	0	2	11	0	2
West Lorne	22	0	11	11	0	15
Westport	6	0	1	5	0	1
Wheatley	19	0	6	13	0	8
Whitby	647	5	241	401	5	387
Whitchurch-Stouffville	145	6	58	81	7	102
Warton	24	0	7	17	0	8
Winchester	19	0	4	15	0	4
Windsor	4,690	12	1,642	3,036	12	2,407
Wingham	43	0	5	38	0	5
Woodstock	568	0	195	373	0	263
Wroxeter	1	0	0	1	0	0
Wyoming	14	0	5	9	0	6
Zurich	9	0	1	8	0	1
Total	138,054	480	45,404	92,170	518	64,902

Summary

Of

Statistics

Summary of Motor Vehicle Traffic Accident Statistics

Number of Accidents

Ontario 1980

	Total	Fatal	Personal Injury	Property Damage Only
Accident Involves*				
Single Motor Vehicle or Motor Vehicle And	47,417	463	18,382	28,572
Other Motor Vehicle/s	136,754	521	39,296	96,937
Pedestrian	6,072	247	5,822	3
Cyclist	3,355	30	3,284	41
Railroad Train	228	17	93	118
Street Car	352	—	89	263
Farm Tractor	243	5	82	156
Animal	1,761	4	230	1,527
Other	319	9	113	197
Total	196,501	1,296	67,391	127,814

Month of Occurrence				
January	14,493	94	4,197	10,202
February	16,004	93	4,609	11,302
March	15,247	80	4,555	10,612
April	12,779	75	4,633	8,071
May	14,328	115	5,628	8,585
June	15,746	115	6,158	9,473
July	15,912	148	6,375	9,389
August	15,797	140	6,347	9,310
September	16,343	141	6,140	10,062
October	18,121	100	6,341	11,680
November	19,001	108	6,179	12,714
December	22,730	87	6,229	16,414
Total	196,501	1,296	67,391	127,814

Day of Occurrence				
Sunday	22,317	209	8,495	13,613
Monday	24,437	112	8,180	16,145
Tuesday	26,231	164	8,814	17,253
Wednesday	25,021	148	8,065	16,808
Thursday	26,853	158	8,975	17,720
Friday	36,691	232	12,349	24,110
Saturday	34,951	273	12,513	22,165
Total	196,501	1,296	67,391	127,814

Hour of Occurrence				
12 to 1 A.M.	5,762	98	2,112	3,552
1 to 2 "	7,987	93	3,262	4,632
2 to 3 "	4,602	66	1,732	2,804
3 to 4 "	2,615	39	1,010	1,566
4 to 5 "	1,721	18	681	1,022
5 to 6 "	1,280	23	495	762
6 to 7 "	2,887	17	1,013	1,857
7 to 8 "	6,712	33	2,041	4,638
8 to 9 "	9,408	24	2,976	6,408
9 to 10 "	6,591	27	1,943	4,621
10 to 11 "	7,206	38	2,123	5,045
11 to 12 "	8,602	42	2,727	5,833
12 to 1 P.M.	10,146	40	3,331	6,775
1 to 2 "	10,372	44	3,381	6,947
2 to 3 "	10,864	50	3,649	7,165
3 to 4 "	14,053	51	4,855	9,147
4 to 5 "	16,889	61	5,667	11,161
5 to 6 "	14,683	74	4,985	9,624
6 to 7 "	10,641	76	3,979	6,586
7 to 8 "	10,223	71	3,783	6,369
8 to 9 "	8,721	84	3,215	5,422
9 to 10 "	7,780	75	2,902	4,803
10 to 11 "	7,001	65	2,551	4,385
11 to 12 "	7,340	72	2,712	4,556
Not Known	2,415	15	266	2,134
Total	196,501	1,296	67,391	127,814

	Total	Fatal	Personal Injury	Property Damage Only
Light Conditions				
Daylight	119,320	544	40,111	78,665
Dawn	2,226	20	728	1,478
Dusk	6,974	31	2,403	4,540
Darkness	67,981	701	24,149	43,131
Total	196,501	1,296	67,391	127,814

Road Surface Condition				
Dry	115,307	908	42,422	71,977
Wet	48,325	259	16,518	31,548
Loose Snow	9,062	28	2,221	6,813
Slush	5,293	23	1,448	3,822
Packed Snow	7,125	26	1,674	5,425
Ice	9,938	39	2,554	7,345
Mud	135	—	36	99
Loose Sand or Gravel ..	1,316	13	518	785
Total	196,501	1,296	67,391	127,814

Road Condition				
Good	191,612	1,266	65,689	124,657
Under Repair	867	1	306	560
Under Construction ...	1,747	14	639	1,094
Other	2,275	15	757	1,503
Total	196,501	1,296	67,391	127,814

Road Type				
Asphalt	182,852	1,183	62,622	119,047
Gravel or Crushed Stone	8,627	88	3,131	5,408
Concrete	4,042	15	1,305	2,722
Earth	595	3	191	401
Other	385	7	142	236
Total	196,501	1,296	67,391	127,814

Visibility				
Clear	149,966	1,061	52,643	96,262
Rain	26,588	121	9,224	17,243
Snow or Sleet	17,870	68	4,691	13,111
Fog, Mist, Smoke or Dust	2,077	46	833	1,198
Total	196,501	1,296	67,391	127,814

Place of Occurrence				
Urban Area	135,533	460	44,397	90,676
Kings Highway	34,668	536	13,012	21,120
(Incl. Sec. Hwy.)				
Other	26,300	300	9,982	16,018
Total	196,501	1,296	67,391	127,814

Road Location				
Non-Intersection	82,578	843	28,714	53,021
Intersection-Related ..	32,406	79	11,249	21,078
At Intersection	49,790	202	18,334	31,254
Intersection with Private Drive	28,170	121	7,810	20,239
At Railroad Crossing ..	732	17	280	435
Underpass or Tunnel ..	341	3	111	227
Overpass or Bridge. ...	1,814	23	643	1,148
Other	670	8	250	412
Total	196,501	1,296	67,391	127,814

*Based on initial impact.

*Based on initial impact.

Summary of Motor Vehicle Traffic Accident Statistics

Number of Drivers and Pedestrians

Ontario 1980

	In All Accidents	In Fatal	In Personal Injury	In Property Damage Only
Sex of Driver				
Male	242,789	1,641	83,362	157,786
Female	76,234	301	27,412	48,521
Not Known	16,139	13	2,607	13,519
Total	335,162	1,955	113,381	219,826

Age of Driver				
Under 16	592	7	266	319
16-19 Years	49,157	333	17,202	31,622
20-24 "	62,530	431	21,918	40,181
25-34 "	83,546	463	29,134	53,949
35-44 "	50,229	270	17,491	32,468
45-54 "	36,213	190	12,396	23,627
55-64 "	23,193	137	7,806	15,250
65 & Over	13,342	109	4,484	8,749
Not Known	16,360	15	2,684	13,661
Total	335,162	1,955	113,381	219,826

Licence of Driver				
Licensed	301,952	1,733	104,437	195,782
Unlicensed	6,351	94	2,815	3,442
Not Known	26,859	128	6,129	20,602
Total	335,162	1,955	113,381	219,826

Residence of Driver				
Alberta	369	9	127	233
British Columbia	265	3	92	170
Manitoba	353	9	136	208
New Brunswick	143	5	52	86
Newfoundland	67	1	25	41
Nova Scotia	132	—	35	97
Ontario	311,480	1,861	108,291	201,328
Prince Edward Island	24	1	8	15
Quebec	2,676	25	774	1,877
Saskatchewan	107	—	34	73
Yukon and Northwest Territories	7	—	—	7
United States	2,930	24	1,054	1,852
Other Foreign	352	3	103	246
Not Known	16,257	14	2,650	13,593
Total	335,162	1,955	113,381	219,826

Condition of Driver				
Normal	277,516	1,091	92,456	183,969
Had Been Drinking	19,617	293	9,403	9,921
Ability Impaired Alcohol	10,310	296	4,654	5,360
Ability Impaired Drugs	214	2	95	117
Fatigue	1,208	14	600	594
Medical or Physical Defect	570	9	299	262
Not Known	25,325	247	5,716	19,362
Other	402	3	158	241
Total	335,162	1,955	113,381	219,826

Apparent Driver Action				
Driving Properly	142,081	756	50,026	91,299
Following Too Close	16,870	4	6,214	10,652
Speed Too Fast	28,999	350	11,918	16,731
Improper Turn	12,731	18	3,149	9,564
Disobey Traffic Signal	6,303	23	2,616	3,664
Disobey Stop Sign	4,476	52	1,981	2,443
Fail To Yield Right-Of-Way	35,705	164	10,282	25,259
Improper Passing	5,130	52	1,363	3,715
Lost Control	25,540	148	9,252	16,140
Wrong Way On One-Way Road	319	9	105	205
Disobey Other Controls	203	3	96	104
Other	26,073	169	9,123	16,781
Not Known	30,732	207	7,256	23,269
Total	335,162	1,955	113,381	219,826

	KILLED	INJURED
Condition of Pedestrian		
Normal	148	5,324
Had Been Drinking	22	404
Ability Impaired Alcohol	40	133
Ability Impaired Drugs	—	5
Fatigue	—	4
Medical or Physical Defect	8	87
Not Known	48	527
Other	—	64
Total	266	6,548

Pedestrian Action		
Crossing Intersection With Right of Way	13	1,116
Crossing Intersection Without Right of Way	11	465
Crossing Intersection, No Traffic Control	10	125
Crossing Pedestrian Crossover	5	222
Walking on Roadway With Traffic	22	201
Walking on Roadway Against Traffic	9	106
On Sidewalk or Shoulder	20	451
Coming From Behind Parked Vehicle or Object	6	496
Playing or Working on Highway	8	124
Running into Roadway	42	1,376
Crossing Through Traffic	64	940
Other	56	926
Total	266	6,548

Summary of Motor Vehicle Traffic Accident Statistics Number of Victims

Ontario 1980

Type of Accident	Age of Persons Killed											Age of Persons Injured										
	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated
Single Motor Vehicle	514	7	15	141	114	91	52	37	28	28	1	26,111	344	922	7,888	6,223	5,199	2,379	1,482	907	640	127
Other Motor Veh's	670	12	17	122	125	134	74	59	58	67	2	64,784	1,351	3,479	10,353	11,486	14,713	8,718	6,669	4,484	3,210	321
Pedestrian	248	14	36	28	16	20	14	15	23	82	—	6,238	403	1,924	846	582	624	381	380	416	590	92
Cyclist	34	—	17	10	2	1	2	—	1	—	1	3,394	43	1,344	763	336	262	107	54	32	43	410
Railroad Train	21	—	—	2	9	3	2	—	3	2	—	131	3	1	18	27	38	17	12	7	8	—
Street Car	—	—	—	—	—	—	—	—	—	—	—	120	1	1	11	19	43	16	7	7	5	1
Farm Tractor	5	—	1	1	1	1	—	1	—	—	—	125	1	5	26	27	28	9	17	5	7	—
Animal	4	—	—	—	—	3	—	—	—	—	—	306	8	7	65	65	78	35	23	16	9	—
Other	12	—	3	5	2	1	1	—	—	—	—	158	1	15	53	36	14	17	8	7	5	2
Total	1,508	33	89	309	269	254	146	112	113	179	4	101,367	2,155	7,698	20,023	18,801	20,999	11,679	8,661	5,881	4,517	953

Victim	Victims, By Class and Age Group — Killed											Victims, By Class and Age Group — Injured										
	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated
Driver	682	—	1	107	131	153	96	69	67	56	2	50,653	2	43	7,914	10,283	13,508	7,976	5,524	3,404	1,940	59
Passenger	413	18	22	130	77	53	28	23	21	40	1	35,982	1,695	4,234	8,740	5,983	5,559	2,974	2,573	1,968	1,906	350
Pedestrian	266	15	41	30	18	21	18	16	24	83	—	6,548	410	1,957	894	622	691	413	417	437	606	101
Bicyclist	33	—	17	9	2	1	2	—	1	—	1	3,397	39	1,344	762	341	263	103	56	26	41	422
Motorcycle Driver	81	—	1	24	31	21	1	3	—	—	—	3,771*	—	47	1,274	1,302	854	167	71	31	12	13
Motorcycle Passenger	18	—	1	6	8	3	—	—	—	—	—	777*	4	37	364	230	96	30	5	3	1	7
Other	15	—	6	3	2	2	1	1	—	—	—	239	5	36	75	40	28	16	15	12	11	1
Total	1,508	33	89	309	269	254	146	112	113	179	4	101,367	2,155	7,698	20,023	18,801	20,999	11,679	8,661	5,881	4,517	953

	Victims, By Age Group and Sex — Killed											Victims, By Age Group and Sex — Injured										
	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated
Male	1,066	18	61	225	211	195	101	83	67	101	4	59,580	1,135	4,355	12,530	12,135	12,522	6,457	4,691	2,990	2,161	604
Female	442	15	28	84	58	59	45	29	46	78	—	41,787	1,020	3,343	7,493	6,666	8,477	5,222	3,970	2,891	2,356	349
Total	1,508	33	89	309	269	254	146	112	113	179	4	101,367	2,155	7,698	20,023	18,801	20,999	11,679	8,661	5,881	4,517	953

	Victims By Class and Sex							Victims By Road Jurisdiction					Victims, By Month of Occurrence							
	Killed	Total						Driver	Passenger	Pedestrian	Bicyclist	Motorcycle Driver*	Motorcycle Passenger**	Other	Month	Killed	Injured	Killed	Injured	
		Male	Female	Total																
Killed		1,066	556	218	164	24	81	12	11						Jan.	108	6,098	July	182	9,674
Male		442	126	195	102	9	—	6	4						Feb.	98	6,756	Aug.	164	9,932
Female		1,508	682	413	266	33	81	18	15						Mar.	92	6,804	Sept.	171	9,385
Total															Apr.	86	6,918	Oct.	112	9,555
Injured															May	135	8,323	Nov.	123	9,205
															June	143	9,309	Dec.	94	9,408
																		Total	1,508	101,367

* Includes Moped Driver
** Includes Moped Passenger

Summary of Motor Vehicle Traffic Accident Statistics

Number of Vehicles

Ontario 1980

	In All Accidents	In Fatal	Personal Injury	Property Damage
Type of Vehicle				
Passenger Car.	278,255	1,407	92,326	184,522
Passenger Car & Trailer	890	7	247	636
Truck	47,296	314	14,437	32,545
Truck & Trailer.	776	9	205	562
Tractor & Semi-Trailer	5,610	129	1,691	3,790
Motorcycle	4,489	103	3,999	387
Bus.	2,494	17	883	1,594
School Bus	850	5	266	579
Other—Or Not Known	13,503	11	2,262	11,230
Non Motor Vehicle	4,895	73	3,903	919
Total.	359,058	2,075	120,219	236,764

Condition of Vehicle				
No Apparent Defect	331,245	1,775	112,756	216,714
Service Brakes Defective	1,413	19	609	785
Steering Defective	345	2	152	191
Tire Puncture or				
Blow Out	1,208	6	481	721
Tire Tread Insufficient	897	35	408	454
Headlamps Defective.	216	9	120	87
Other Lamps or				
Reflectors Defective	454	6	144	304
Engine Controls				
Defective	598	3	186	409
Wheels or Suspension				
Defective	361	5	124	232
Vision Obscured.	211	3	66	142
Trailer Hitch Defective.	198	1	33	164
Not Known	19,861	189	4,422	15,250
Other	2,051	22	718	1,311
Total.	359,058	2,075	120,219	236,764

Model Year of Vehicle				
1981	1,109	5	309	795
1980	27,738	168	9,590	17,980
1979	41,036	253	13,804	26,979
1978	39,319	213	13,359	25,747
1977	36,790	212	12,150	24,428
1976	36,304	201	12,059	24,044
1975	30,633	196	10,229	20,208
1974 & Earlier	128,007	763	43,253	83,991
Not Known	18,122	64	5,466	12,592
Total.	359,058	2,075	120,219	236,764

	In All Accidents	In Fatal	Personal Injury	Property Damage
Vehicle Manoeuver				
Going Ahead	201,525	1,708	74,667	125,150
Slowing/Stopping.	21,551	13	7,768	13,770
Overtaking.	6,962	74	2,162	4,726
Turning Left.	37,910	94	11,783	26,033
Turning Right	11,366	11	2,808	8,547
Making "U" Turn.	1,102	4	302	796
Changing Lanes	10,876	27	2,367	8,482
Merging	1,058	—	239	819
Reversing	8,029	11	882	7,136
Stopped or Parked	48,244	88	15,291	32,865
Pulling Away From				
Shoulder or Curb.	2,231	7	400	1,824
Pulling Onto				
Shoulder or Into				
Curb	658	2	168	488
Not Known or Other	7,546	36	1,382	6,128
Total.	359,058	2,075	120,219	236,764

Insurance				
Insured.	331,305	1,924	110,691	218,690
Not Insured	5,359	71	3,261	2,027
Not Known	22,394	80	6,267	16,047
Total.	359,058	2,075	120,219	236,764

Amount of Property Damage	
	\$357,640,284.00



Ministry of
Transportation and
Communications

Licensing and Control Branch
Driver Licensing Section
Collision and Licensing Records
East Building
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ONTARIO MOTOR VEHICLE ACCIDENT FACTS 1981

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Motor Vehicle Accident Facts — 1981

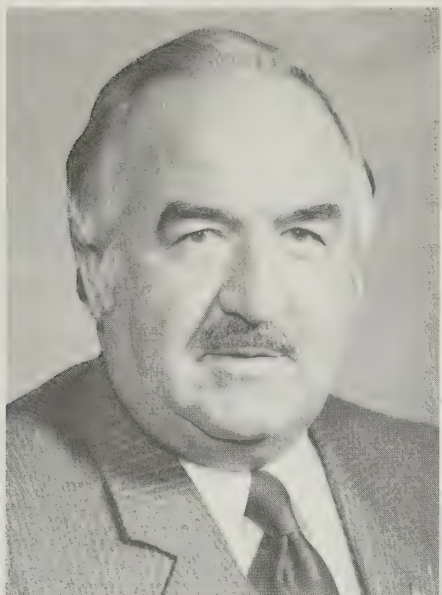


Ontario

Ministry of
Transportation and
Communications

Safety & Regulation
Transportation Regulation
Development Branch
Safety Co-ordination
& Development Office

Deputy Minister: Harold Gilbert



James Snow

Minister's Message

Deaths on Ontario roads in 1981 dropped from 1,508 in 1980 to 1,445 — a decrease of 4.2 per cent — representing the second lowest number of fatalities in 17 years.

Once again, I'm convinced Ontario's safety programs played an important role in this reduction. Not to mention the new probationary driver licensing system, stricter enforcement of the seat belt law, continued emphasis on driver education and stricter control of drinking drivers.

It's also pleasing to note the number of injuries dropped slightly to 100,321 against 101,368 in 1980.

However, I'm disappointed to report that 107 motorcycle drivers and passengers died in accidents through '81 — eight more than in 1980. And, there were 5,189 injuries compared with 4,468 in 1980.

Road accidents don't just happen, they are caused. And their avoidance should be a matter of concern for all road users. I sincerely hope we will accept this responsibility whether using Ontario highways and streets as pedestrians, passengers or drivers.

I'm convinced that with the co-operation of everyone, we can continue to reduce traffic accident losses in future years.

A handwritten signature in dark ink, appearing to read 'James Snow', with a long, sweeping horizontal stroke extending to the right.

James Snow
Minister of
Transportation and Communications

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Deaths and Injuries

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Trends in Motor Vehicle Accidents

Death and Injury Rates over the Period 1972-1981

Between 1972 and the end of 1981, Ontario's population and the number of licensed drivers, motor vehicle registrations and motor vehicle accidents (with the exception of the years 1976, 1978 and 1980) were all on the rise. During the past ten years, traffic deaths reached a high of 1,959 in 1973 and declined to a low of 1,420 deaths in 1977.

In the past year, the number of deaths decreased 4.2% from the 1,508 deaths in 1980 to 1,445 deaths in 1981. The population grew from 8.57 million to 8.63 million. The death rate per 100,000 population decreased to 16.8 from 17.6 last year. The death rate over the past ten years ranged from 24.7 to 16.8. The 1981 death rate of 16.8 is the same and the lowest as in the year 1946 at which time the population was 4.09 million.

There was a decrease of 1,046 persons injured, from 101,367 in 1980 to 100,321 this year. The 1981 injury rate per 100,000 population decreased to 1,163.1 from 1,182.8 in 1980.

Last year, the number of motor vehicle accidents reported totalled 198,372 an increase of 1.0% against the 1980 total of 196,501. However, there were decreases of 4.8% in fatal accidents and 4.2% in persons killed. The personal injury accidents and persons injured decreased slightly by 0.1% and 1.0% respectively.

The motor vehicle accident rate per one million kilometres travelled increased this year to 2.8 and the fatal accident rate per 100 million kilometres travelled remained the same as the previous year i.e. 1.7. The death rate per 100 million kilometres travelled decreased from 2.1 in 1980 to 2.0 this year. The 1981 death rate of 2.0 is the lowest since 1955.

The number of kilometres driven in 1981 was estimated at 70,905,834,000 a decrease of 2.2% from the 1980 figure of 72,419,477,000. This is the first decrease in kilometres driven during the past 25 years.

Synopsis

During 1981, there were 198,372 reported motor vehicle accidents, an increase of 1.0% over the total of 196,501 accidents reported in 1980. This year, there were decreases of 4.8% in fatal accidents and 4.2% in persons killed. Accidents involving personal injuries decreased 0.1% and persons injured decreased 1.0%. Property damage only accidents increased 1.2% over the previous year.

Drivers killed and injured (excluding motorcycle and moped drivers) decreased 3.7% and 0.2%. Passengers killed and injured decreased 4.8% and 4.3% respectively.

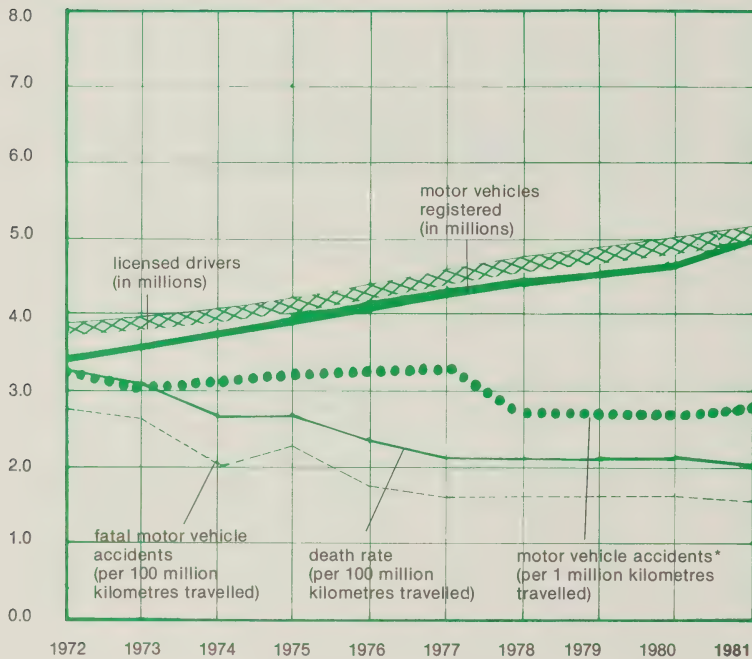
Motorcycle drivers killed and injured increased 16.0% and 16.4% while motorcycle passengers killed decreased by 27.8% and injuries increased 14.8%. Bicyclists killed and injured increased 21.2% and 2.7% respectively.

COMPARATIVE STATISTICS 1980-1981			
	1980	1981	% of Change
Total Reportable Motor Vehicle Accidents	196,501	198,372	+ 1.0
Fatal Accidents	1,296	1,234	- 4.8
Personal Injury Accidents	67,391	67,292	- 0.1
Property Damage Only Accidents	127,814	129,846	+ 1.2
Persons Killed	1,508	1,445	- 4.2
Persons Injured	101,367	100,321	- 1.0
Vehicle Accident Rate per Million Kilometres Travelled*	2.7	2.8	+ 3.7
Fatal Accident Rate per 100 Million Kilometres Travelled*	1.8	1.7	- 5.6
Death Rate per 100 Million Kilometres Travelled*	2.1	2.0	- 4.8
Motor Vehicles Registered	4,758,010	5,050,270*	+ 6.1
Millions of Vehicle Kilometres Travelled	72,419**	70,906**	- 2.2
Ontario Population	8,570,000*	8,625,000*	+ 0.4
Drivers Licensed	4,993,531	5,123,177	+ 2.6
Amount of Property Damage	\$357,640,284*	\$396,925,442*	+ 11.0

*Estimated

**Kilometres travelled estimated on the basis of 22.08 kilometres per gallon of taxed gasoline and motor fuel.

Trends in Motor Vehicle Registrations, Licensed Drivers, Motor Vehicle Accident Rates, Death Rates, Fatal Accident Rates 1972 - 1981

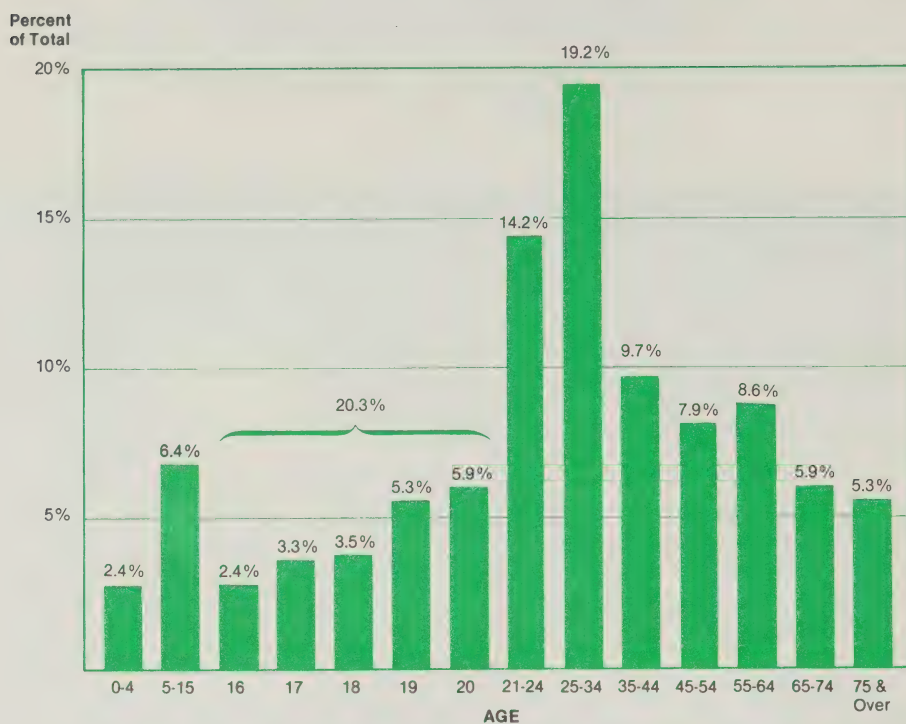


*On January 1, 1978 the reporting criterion for property damage only accidents was raised from \$200 to \$400.

Deaths & Injuries

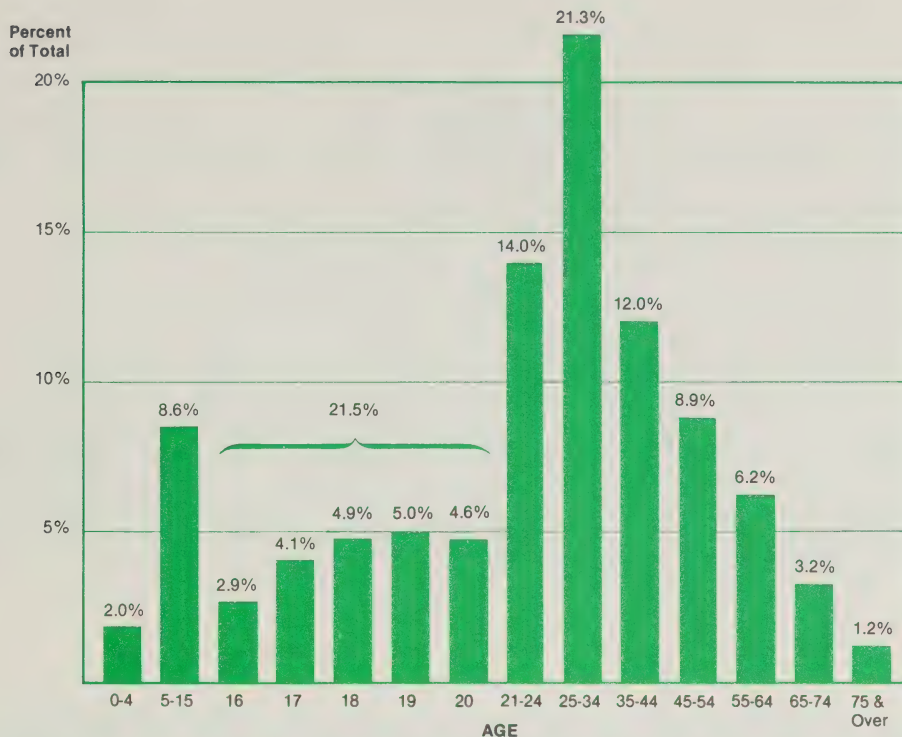


Class of Victims Killed — by Age — 1981



Victim	Total	Class of Victims Killed — By Age — 1981														Not Stated
		0-4	5-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65-74	75 & Over	
Driver	657	—	3	6	17	18	38	44	105	162	89	66	59	30	20	—
Passenger	393	20	34	18	22	18	26	24	60	47	29	25	36	19	15	—
Pedestrian	237	15	29	4	3	5	4	8	5	24	19	20	27	32	40	2
Bicyclist	40	—	22	2	1	1	1	—	1	7	—	1	1	1	1	1
Moped Driver	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Motorcycle Driver	94	—	—	1	2	8	7	9	27	35	2	2	1	—	—	—
Motorcycle Passenger	13	—	1	3	2	—	1	—	5	1	—	—	—	—	—	—
Other	11	—	3	—	1	—	—	—	2	1	1	—	—	3	—	—
Total	1445	35	92	34	48	50	77	85	205	277	140	114	124	85	76	3

Class of Victims Injured — by Age — 1981



Victim	Total	Class of Victims Injured — By Age — 1981														
		0-4	5-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65-74	75 & Over	Not Stated
Driver	50,574	2	95	859	1,629	2,232	2,457	2,295	7,702	13,639	8,254	5,757	3,597	1,533	471	52
Passenger	34,450	1,595	4,825	1,435	1,777	1,822	1,786	1,603	4,272	5,451	3,041	2,593	2,073	1,267	516	394
Pedestrian	6,344	370	1,968	158	185	158	171	137	429	767	431	444	420	368	254	84
Bicyclist	3,488	33	1,502	168	138	153	120	89	296	316	89	71	34	29	10	440
Moped Driver	59	—	1	3	3	5	6	4	8	6	4	9	6	3	—	1
Motorcycle Driver	4,303	—	92	185	314	405	402	427	1,091	1,032	223	80	32	5	—	15
Motorcycle Passenger	886	2	93	64	94	103	86	79	179	138	36	4	1	—	1	6
Other	217	8	56	14	9	9	12	8	32	29	13	13	7	1	2	4
Total	100,321	2,010	8,632	2,886	4,149	4,887	5,040	4,642	14,009	21,378	12,091	8,971	6,170	3,206	1,254	996

Fatal Accidents and Persons Killed 1972 - 1981



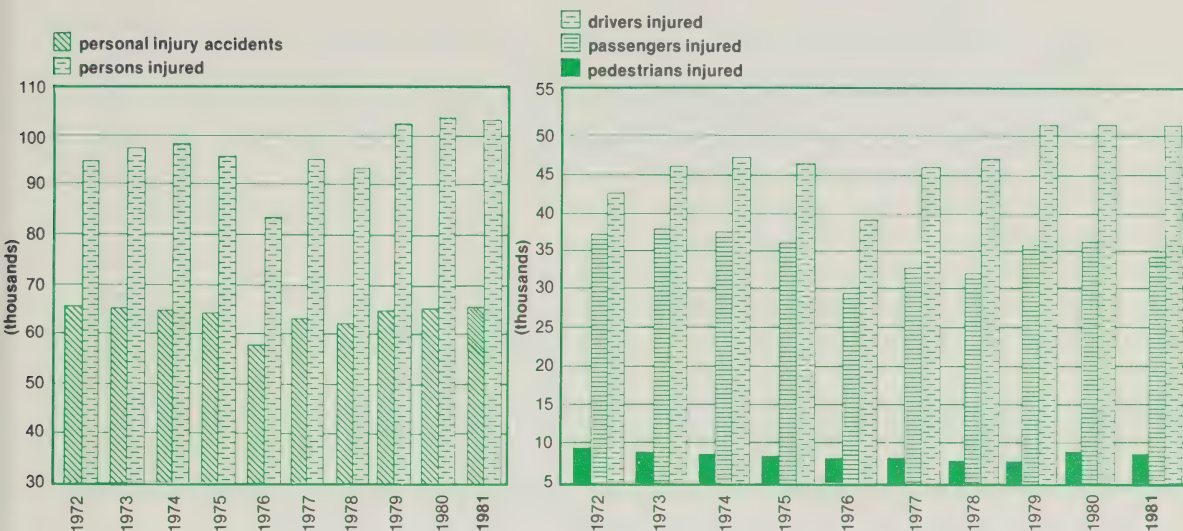
FATAL MOTOR VEHICLE ACCIDENT VICTIMS IN ONTARIO BY CLASS OF ROAD USER — ALL AGES

Year	Ontario Population (Est.)	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/ 100,000**	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000
1972	7,834,000	827	15.1	564	7.2	383	4.9	160	2.0	1,934	24.7
1973	7,939,000	830	14.8	600	7.6	346	4.4	183	2.3	1,959	24.7
1974	8,094,000	778	13.4	513	6.3	305	3.8	152	1.9	1,748	21.6
1975	8,226,000	774	13.0	540	6.6	294	3.6	192	2.3	1,800	21.9
1976	8,265,000	648	10.8	461	5.6	251	3.0	151	1.8	1,511	18.3
1977	8,373,000	609	10.1	393	4.7	252	3.0	166	2.0	1,420	17.0
1978	8,444,000	623	9.9	383	4.5	284	3.4	160	1.9	1,450	17.2
1979	8,546,000	668	10.4	468	5.5	273	3.2	151	1.8	1,560	18.3
1980	8,570,000	682	10.5	413	4.8	266	3.1	147	1.7	1,508	17.6
1981	8,625,000	657	9.9	393	4.6	237	2.7	158	1.8	1,445	16.8

*Excludes motorcycle passengers. (Motorcycle passengers included with "all others").

**Rate per 100,000 population 16 years of age and over.

Personal Injury Accidents and Persons Injured 1972 – 1981



NON-FATAL MOTOR VEHICLE ACCIDENT VICTIMS IN ONTARIO BY CLASS OF ROAD USER — ALL AGES

Year	Ontario Population (Est.)	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/ 100,000**	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000
1972	7,834,000	43,910	801.5	37,001	472.3	7,941	101.4	6,329	80.8	95,181	1,215.0
1973	7,939,000	46,414	826.8	37,093	467.2	7,603	95.8	6,680	84.1	97,790	1,231.8
1974	8,094,000	46,621	806.1	37,020	457.4	7,444	92.0	7,588	93.7	98,673	1,219.1
1975	8,226,000	45,847	772.7	35,658	433.5	7,299	88.7	8,230	100.0	97,034	1,179.6
1976	8,265,000	39,631	659.8	29,553	357.6	7,218	87.3	7,334	88.7	83,736	1,013.1
1977	8,373,000	45,620	756.7	34,854	416.3	6,998	83.6	8,192	97.8	95,664	1,142.5
1978	8,444,000	46,953	746.8	34,578	409.5	6,314	74.8	7,494	88.7	94,979	1,124.8
1979	8,546,000	50,618	787.5	36,332	425.1	6,436	75.3	7,935	92.9	101,321	1,185.6
1980	8,570,000	50,653	778.7	35,982	419.8	6,548	76.4	8,184	95.5	101,367	1,182.8
1981	8,625,000	50,574	765.8	34,450	399.4	6,344	73.6	8,953	103.8	100,321	1,163.1

*Excludes motorcycle passengers. (Motorcycle passengers included with "all others").

**Rate per 100,000 population 16 years of age and over.

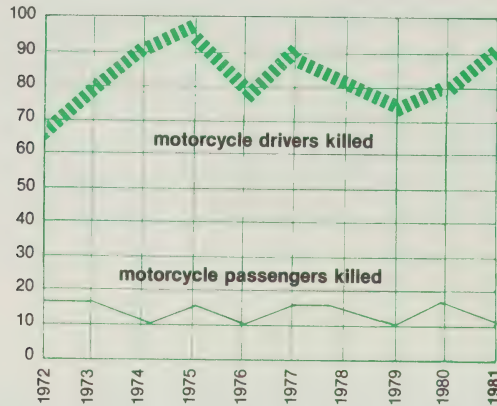
Motorcycle Accident Statistics

During 1981, the number of motorcycle drivers killed and injured increased 16.0% and 16.4% respectively. Motorcycle passengers killed decreased 27.8% but injuries increased 14.8%.

The motorcycle driver fatality rate per 100,000 drivers increased from 32.5 in 1980 to 35.2 in 1981. The motorcycle driver injury rate per 100,000 drivers increased from 1,482.0 in 1980 to 1,612.2 this year.

The number of licensed drivers authorized to operate motorcycles increased 7.0% from 249,397 in 1980 to 266,924. Motorcycle registrations were up approximately 10% from 96,942 in 1980 to an estimated 107,227 this year.

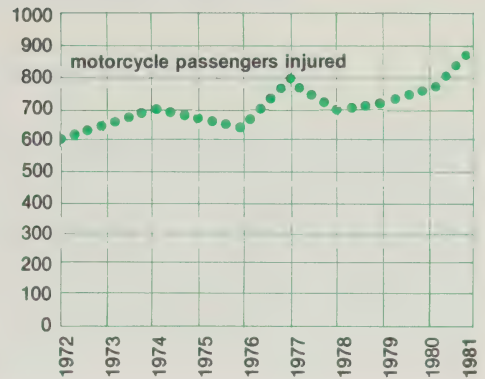
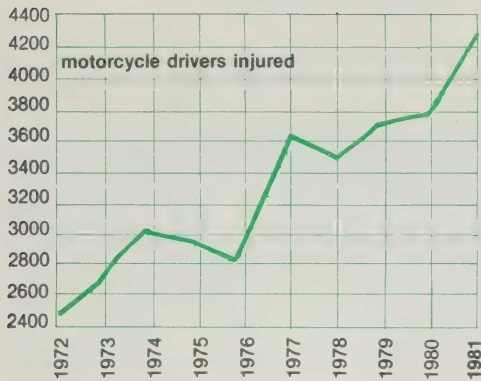
NOTE: Amendments to the Highway Traffic Act in 1968 required motorcyclists to wear approved safety helmets.



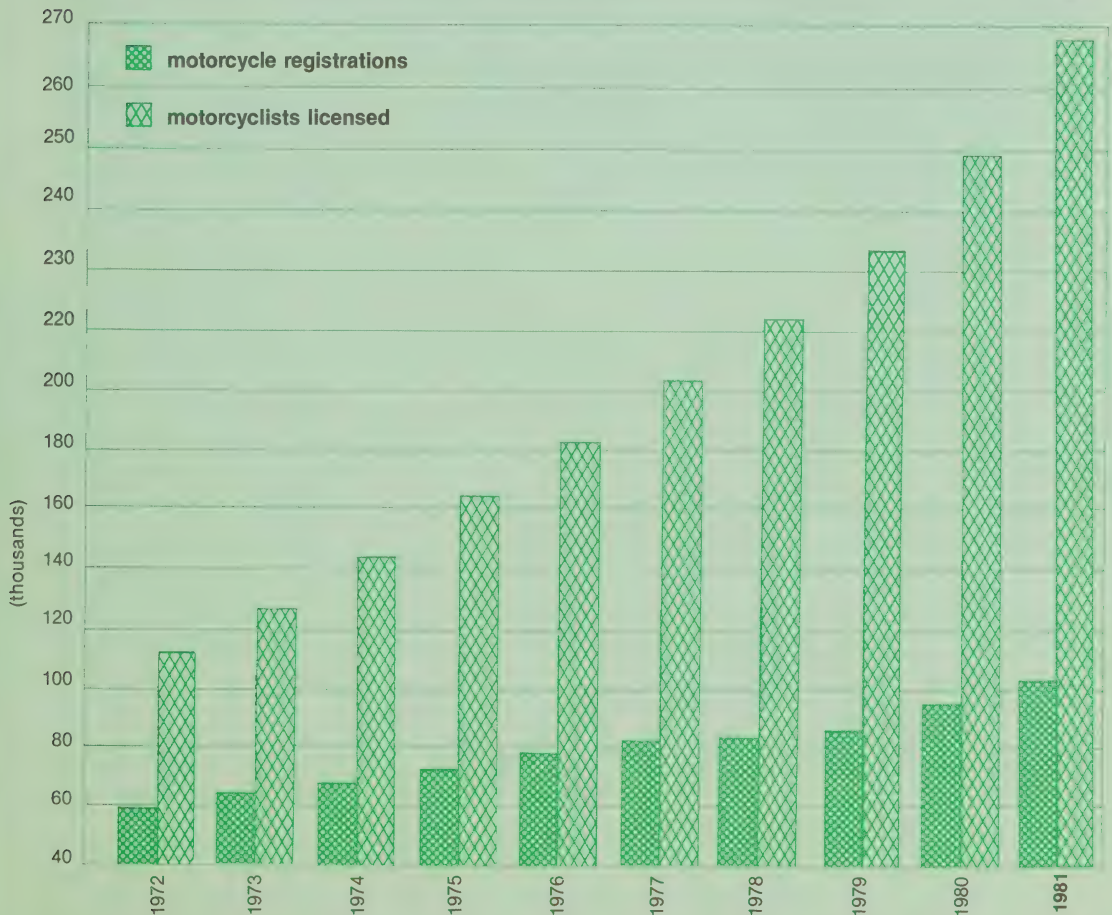
Year	MOTORCYCLISTS KILLED AND INJURED*									
	Drivers					Passengers				
	Killed	% + -	Injured	% + -		Killed	% + -	Injured	% + -	
1972	66	+ 29.4	2,424	+ 0.2		17	+ 13.3	605	+ 1.3	
1973	84	+ 27.3	2,623	+ 8.2		16	- 5.9	623	+ 3.0	
1974	86	+ 2.4	3,260	+ 24.3		13	- 18.8	708	+ 13.6	
1975	97	+ 12.8	3,181	- 2.4		16	+ 23.1	679	- 4.1	
1976	78	- 19.6	2,818	- 11.4		10	- 37.5	648	- 4.6	
1977	88	+ 12.8	3,594	+ 27.5		17	+ 70.0	807	+ 24.5	
1978	80	- 9.1	3,453	- 3.9		17	-	697	- 13.6	
1979	75	- 6.2	3,667	+ 6.2		10	- 41.2	710	+ 1.9	
1980	81	+ 8.0	3,696	+ 0.8		18	+ 80.0	772	+ 8.7	
1981	94	+ 16.0	4,303	+ 16.4		13	- 27.8	886	+ 14.8	

*Excludes moped drivers and passengers.

Motorcyclists Injured 1972–1981



Motorcycle Registrations and Licensed Motorcyclists 1972–1981



Actions and Conditions of Pedestrians Killed and Injured 1980-1981

ACTIONS OF PEDESTRIANS KILLED AND INJURED 1980-1981				
Action	1980		1981	
	Killed	Injured	Killed	Injured
Crossing Intersection With Right of Way	13	1,116	15	1,115
Crossing Intersection Without Right of Way	11	465	8	448
Crossing Intersection No Traffic Control	10	125	9	147
Crossing Pedestrian Crossover	5	222	4	214
Walking on Roadway With Traffic	22	201	29	182
Walking on Roadway Against Traffic	9	106	8	102
On Sidewalk or Shoulder	20	451	10	470
Coming from Behind Parked Vehicle or Object	6	496	11	424
Playing or Working on Highway	8	124	2	128
Running into Roadway	42	1,376	42	1,362
Crossing Through Traffic	64	940	54	873
Other	56	926	45	879
Total	266	6,548	237	6,344

CONDITION OF PEDESTRIANS KILLED AND INJURED 1980-1981				
Condition	1980		1981	
	Killed	Injured	Killed	Injured
Normal	148	5,324	123	5,099
Had Been Drinking	22	404	21	426
Ability Impaired by Alcohol	40	133	33	138
Ability Impaired by Drugs	—	5	—	10
Fatigue	—	4	—	9
Medical or Physical Defect	8	87	7	92
Not Known	48	527	50	500
Other	—	64	3	70
Total	266	6,548	237	6,344

Selected Characteristics



Selected Characteristics of Motor Vehicle Accidents

The following tables present motor vehicle accident information in relation to selected driver, vehicle, and road characteristics. Listings of accidents by various geographic areas of the province are included.

CONDITION OF DRIVER								
Condition	All Accidents				Fatal Accidents			
	1980	%	1981	%	1980	%	1981	%
Apparently Normal	277,516	82.8	281,293	82.8	1,091	55.8	1,039	55.7
Ability Impaired by Alcohol	10,310	3.1	10,313	3.0	296	15.1	396	21.2
Had Been Drinking	19,617	5.8	19,326	5.7	293	15.0	201	10.8
Other	2,394	0.7	2,453	0.7	28	1.4	19	1.0
Not Known	25,325	7.6	26,255	7.7	247	12.6	210	11.3
Total	335,162	100.0	339,640	100.0	1,955	100.0	1,865	100.0

RECORDED OCCURRENCE OF ALCOHOL IN DRIVERS KILLED				
Recorded Occurrence	Number of Drivers*			
	1980	%	1981	%
Apparently Normal	279	46.6	265	41.3
Ability Impaired By Alcohol	216	36.1	309	48.2
Had Been Drinking	104	17.3	67	10.5
Total	599	100.0	641	100.0

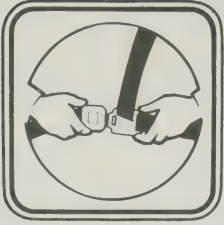
*Excludes cases where alcohol usage was not provided.

Driver Condition by Age and Apparent Driver Action in all Motor Vehicle Accidents 1980-1981

DRIVER CONDITION BY AGE IN ALL MOTOR VEHICLE ACCIDENTS												
Driver's Age	Normal		Ability Impaired — Alcohol		Had Been Drinking		Other		Not Known		Total	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
Under 16	446	413	15	8	63	39	16	13	52	71	592	544
16	6,148	5,689	99	97	351	294	43	43	235	239	6,876	6,362
17	10,538	9,690	246	228	737	763	95	84	394	413	12,010	11,178
18	12,487	11,908	444	414	1,225	1,126	122	144	479	488	14,757	14,080
19	12,666	11,809	536	570	1,649	1,563	157	149	506	481	15,514	14,572
20	11,849	11,651	552	533	1,500	1,528	124	118	496	499	14,521	14,329
21 - 24	39,944	39,900	1,691	1,813	4,404	4,247	371	357	1,599	1,554	48,009	47,871
25 - 34	72,548	74,131	2,972	2,961	5,185	5,294	518	568	2,323	2,520	83,546	85,474
35 - 44	44,649	46,635	1,725	1,694	2,290	2,229	273	284	1,292	1,402	50,229	52,244
45 - 54	32,507	33,596	1,235	1,163	1,326	1,251	241	220	904	901	36,213	37,131
55 - 64	21,270	22,590	603	623	612	728	170	195	538	576	23,193	24,712
65 - 74	9,514	10,137	165	181	227	219	167	156	242	256	10,315	10,949
75 & Over	2,819	3,009	15	14	29	25	89	112	75	89	3,027	3,249
Not Known	131	135	12	14	19	20	8	10	16,190	16,766	16,360	16,945
Total	277,516	281,293	10,310	10,313	19,617	19,326	2,394	2,453	25,325	26,255	335,162	339,640

APPARENT DRIVER ACTION IN ALL MOTOR VEHICLE ACCIDENTS 1980-1981				
Action	1980	% of Total	1981	% of Total
Driving Properly	142,081	42.4	145,220	42.8
Following Too Close	16,870	5.0	17,231	5.1
Speed Too Fast	28,999	8.7	28,336	8.3
Improper Turn	12,731	3.8	12,723	3.7
Disobey Traffic Signal	6,303	1.9	6,478	1.9
Disobey Stop Sign	4,476	1.3	4,437	1.3
Fail to Yield Right of Way	35,705	10.6	37,267	11.0
Improper Passing	5,130	1.5	5,273	1.6
Lost Control	25,540	7.6	24,549	7.2
Wrong Way On One-Way Road	319	0.1	316	0.1
Disobey Other Control	203	0.1	180	0.1
Other*	26,073	7.7	27,175	8.0
Not Known	30,732	9.2	30,455	9.0
Total	335,162	100.0	339,640	100.0

*Includes actions defined as Careless Driving, Inattentive Driving, Fell Asleep, Hit and Run, On Wrong Side of Road, Improper Parking, Impaired, Illegally Parked, Dangerous Driving, Inexperience, etc.



Driver Seat Belt Usage by Nature of Injury 1980-1981

DRIVER SEAT BELT USAGE BY NATURE OF INJURY — 1981*

Nature of Injury	Installed — Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1981	%	1981	%	1981	%	1981	%	1981	%	1981	%
Killed	362	1.16	144	0.05	119	1.2	16	0.3	16	0.1	657	0.2
Injured	9,162	29.4	38,073	14.2	2,249	22.8	668	14.1	422	2.0	50,574	15.1
Not Injured	21,679	69.5	229,832	85.7	7,517	76.0	4,058	85.6	20,207	97.9	283,293	84.7
Total	31,203	100.0	268,049	100.0	9,885	100.0	4,742	100.0	20,645	100.0	334,524	100.0

DRIVER SEAT BELT USAGE BY NATURE OF INJURY — 1980*

Nature of Injury	Installed — Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1980	%	1980	%	1980	%	1980	%	1980	%	1980	%
Killed	370	1.22	143	0.05	137	1.4	14	0.3	18	0.1	682	0.2
Injured	8,780	29.1	38,275	14.4	2,204	22.3	913	16.6	481	2.4	50,653	15.3
Not Injured	21,056	69.7	226,974	85.5	7,553	76.3	4,568	83.1	19,219	97.5	279,370	84.5
Total	30,206	100.0	265,392	100.0	9,894	100.0	5,495	100.0	19,718	100.0	330,705	100.0

*Excludes Motorcycle and Moped Drivers

Note: Mandatory usage of seat belts came into effect on January 1, 1976.

In 1981, 80.1% of the drivers involved in motor vehicle accidents were using their seat belts and 9.3% were not using them as compared to 80.3% of the drivers in 1980 who were using their seat belts and 9.1% were not.

During 1981, there were 3.7% fewer driver fatalities and drivers injured decreased 0.2%. Out of the 31,203 drivers involved who had seat belts installed but were not using them, 1.16% (362) were killed, 29.4% (9,162) were injured and 69.5% (21,679) were not injured. In comparison, 0.05% (144) of the 268,049 drivers who were using their seat belts were killed, 14.2% (38,073) were injured and 85.7% (229,832) were not injured.

Driver Severity of Injury by Seat Belt Usage 1980-1981

DRIVER — SEVERITY OF INJURY BY SEAT BELT USAGE — 1981*								
Severity of Injury	Installed — In-Use		Installed Not In Use & Not Installed		Usage Not Known		Total	
	1981	%	1981	%	1981	%	1981	%
None	229,832	85.7	25,737	71.6	27,724	90.8	283,293	84.7
Minimal	23,825	8.9	4,468	12.4	981	3.2	29,274	8.8
Minor	12,436	4.6	4,002	11.1	1,089	3.6	17,527	5.2
Major	1,812	0.7	1,360	3.8	601	2.0	3,773	1.1
Fatal	144	0.05	378	1.05	135	0.4	657	0.2
Total	268,049	100.0	35,945	100.0	30,530	100.0	334,524	100.0

DRIVER — SEVERITY OF INJURY BY SEAT BELT USAGE — 1980*								
Severity of Injury	Installed — In-Use		Installed Not In Use & Not Installed		Usage Not Known		Total	
	1980	%	1980	%	1980	%	1980	%
None	226,974	85.5	25,624	71.8	26,772	90.4	279,370	84.5
Minimal	23,338	8.8	4,281	12.0	1,033	3.5	28,652	8.7
Minor	13,034	4.9	3,945	11.0	1,005	3.4	17,984	5.4
Major	1,903	0.7	1,467	4.1	647	2.2	4,017	1.2
Fatal	143	0.05	384	1.07	155	0.5	682	0.2
Total	265,392	100.0	35,701	100.0	29,612	100.0	330,705	100.0

*Excludes Motorcycle & Moped Drivers

Definitions of injuries:

Minimal — Persons did not go to a hospital when leaving the scene of the accident. This includes minor abrasions and bruises, complaint of pain, etc, providing the person chose not to go to a hospital.

Minor — Persons with injuries or complaint of pain that went to a hospital but were treated in the emergency room and released (not admitted to a hospital).

Major — Persons with injuries or complaint of pain that went to a hospital and were subsequently admitted. This includes admitted for observation only.

Passenger Seat Belt Usage by Nature of Injury 1980-1981

PASSENGER SEAT BELT USAGE BY NATURE OF INJURY — 1981*												
Nature of Injury	Installed — Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1981	%	1981	%	1981	%	1981	%	1981	%	1981	%
Killed	223	0.89	55	0.04	65	0.8	29	0.3	21	0.3	393	0.2
Injured	8,440	33.6	21,272	15.9	1,483	19.0	2,926	27.2	329	5.3	34,450	18.8
Not Injured	16,479	65.5	112,230	84.0	6,240	80.1	7,804	72.5	5,888	94.4	148,641	81.0
Total	25,142	100.0	133,557	100.0	7,788	100.0	10,759	100.0	6,238	100.0	183,484	100.0

PASSENGER SEAT BELT USAGE BY NATURE OF INJURY — 1980*												
Nature of Injury	Installed — Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1980	%	1980	%	1980	%	1980	%	1980	%	1980	%
Killed	224	0.88	74	0.05	51	0.6	50	0.4	14	0.2	413	0.2
Injured	8,426	33.0	22,255	16.2	1,669	20.0	3,247	26.8	385	6.3	35,982	19.0
Not Injured	16,871	66.1	114,971	83.7	6,623	79.4	8,836	72.8	5,736	93.5	153,037	80.8
Total	25,521	100.0	137,300	100.0	8,343	100.0	12,133	100.0	6,135	100.0	189,432	100.0

*Excludes motorcycle and non-injured bus passengers.

Note: Mandatory usage of seat belts came into effect on January 1, 1976.

In 1981, 72.8% of the passengers involved in motor vehicle accidents were using their seat belts and 13.7% were not as compared to 72.5% of the passengers in 1980 who were using their seat belts and 13.5% were not.

This year, there was a 4.8% decrease in passenger fatalities and a 4.3% decrease in passengers injured. Out of the 25,142 passengers involved who had seat belts installed but were not using them, 0.89% (223) were killed, 33.6% (8,440) were injured and 65.5% (16,479) were not injured. In comparison, 0.04% (55) of the 133,557 passengers who were using their seat belts were killed, 15.9% (21,272) were injured and 84.0% (112,230) were not injured.

CHILD RESTRAINT SYSTEMS

During 1980, there were 2,517 children involved in motor vehicle accidents who had child restraint systems available. The in-use data shows that 2 children were killed, 222 injured and 2,201 not injured. The remaining 2 children killed, 23 injured and 67 not injured were not using restraint systems or usage was unknown.

This year, 2,655 children were involved in motor vehicle accidents that had child restraint systems available. The in-use data shows that 1 child was killed, 204 were injured and 2,386 were not injured. The remaining 2 children killed, 14 injured and 48 not injured were not using restraint systems or usage was unknown.

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SEVERITY OF INJURY BY CLASS OF PERSONS INVOLVED — 1981

Class of Victim	Severity of injury					Total
	None	Minimal	Minor	Major	Fatal	
Driver	283,293	29,274	17,527	3,773	657	334,524
Passenger	194,202*	18,900	12,900	2,650	393	229,045
Pedestrian	178	2,053	3,010	1,281	237	6,759
Bicyclist	123	1,679	1,480	329	40	3,651
Moped Driver	4	32	22	5	—	63
Motorcycle Driver	725	1,487	1,940	876	94	5,122
Motorcycle Passenger	188	318	395	173	13	1,087
Other	13,071	98	71	48	11	13,299
Total	491,784	53,841	37,345	9,135	1,445	593,550

*Includes Bus Passengers

Note: Refer to page 17 for definition of injuries.

During 1981, 593,550 persons were involved in motor vehicle accidents: .2% (1,445) were killed, 16.9% (100,321) were injured and 82.8% (491,784) were not injured. Out of the 100,321 persons injured, 53.7% (53,841) suffered minimal injuries, 37.2% (37,345) minor injuries and 9.1% (9,135) major injuries.

Licensed Drivers as Compared with Drivers Involved in Motor Vehicle Accidents — by Age 1980-1981

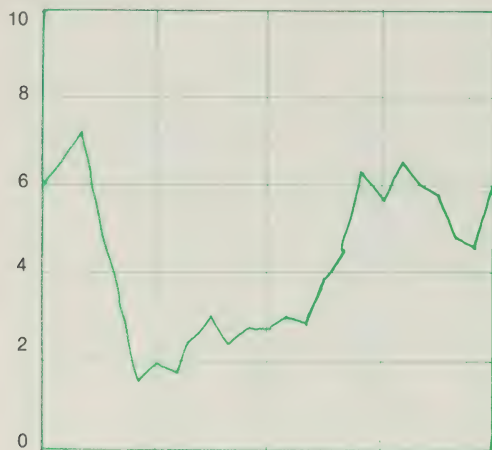
Drivers' Age	DRIVERS						% of Drivers of Each Age Involved in Accidents 1981		
	Licensed — 1981			Involved in Accidents — 1981					
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 16	—	—	—	454	90	544	—	—	—
16	23,408	11,989	35,397	5,000	1,362	6,362	21.4	11.4	18.0
17	53,981	34,687	88,668	8,747	2,431	11,178	16.2	7.0	12.6
18	64,931	44,829	109,760	11,142	2,938	14,080	17.2	6.6	12.8
19	69,945	50,722	120,667	11,621	2,951	14,572	16.6	5.8	12.1
20	72,677	54,643	127,320	11,220	3,109	14,329	15.4	5.7	11.3
21 - 24	295,017	236,807	531,824	37,118	10,753	47,871	12.6	4.5	9.0
25 - 34	707,424	606,168	1,313,592	62,979	22,495	85,474	8.9	3.7	6.5
35 - 44	551,445	439,361	990,806	37,749	14,495	52,244	6.8	3.3	5.3
45 - 54	456,651	315,280	771,931	28,186	8,945	37,131	6.2	2.8	4.8
55 - 64	363,359	241,533	604,892	18,939	5,773	24,712	5.2	2.4	4.1
65 - 74	211,492	120,665	332,157	8,426	2,523	10,949	4.0	2.1	3.3
75 & Over	68,706	27,457	96,163	2,604	645	3,249	3.8	2.3	3.4
Unknown	—	—	—	—	—	16,945	—	—	—
Total	2,939,036	2,184,141	5,123,177	244,185	78,510	339,640	—	—	—

Drivers' Age	DRIVERS						% of Drivers of Each Age Involved in Accidents 1980		
	Licensed — 1980			Involved in Accidents — 1980					
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 16	—	—	—	485	107	592	—	—	—
16	20,941	9,877	30,818	5,477	1,399	6,876	26.2	14.2	22.3
17	53,480	33,354	86,834	9,470	2,540	12,010	17.7	7.6	13.8
18	64,096	43,839	107,935	11,820	2,937	14,757	18.4	6.7	13.7
19	69,616	49,874	119,490	12,385	3,129	15,514	17.8	6.3	13.0
20	72,645	53,922	126,567	11,503	3,018	14,521	15.8	5.6	11.5
21 - 24	290,488	230,750	521,238	37,104	10,905	48,009	12.8	4.7	9.2
25 - 34	707,508	593,230	1,300,738	62,056	21,490	83,546	8.8	3.6	6.4
35 - 44	531,200	412,340	943,540	36,617	13,612	50,229	6.9	3.3	5.3
45 - 54	455,744	308,624	764,368	27,552	8,661	36,213	6.0	2.8	4.7
55 - 64	353,144	231,029	584,173	17,738	5,455	23,193	5.0	2.4	4.0
65 - 74	204,514	112,330	316,844	7,931	2,384	10,315	3.9	2.1	3.3
75 & Over	65,947	25,039	90,986	2,484	543	3,027	3.8	2.2	3.3
Unknown	—	—	—	—	—	16,360	—	—	—
Total	2,889,323	2,104,208	4,993,531	242,622	76,180	335,162	—	—	—

Persons Killed by Time of Day and Week 1981

Percent
of Total

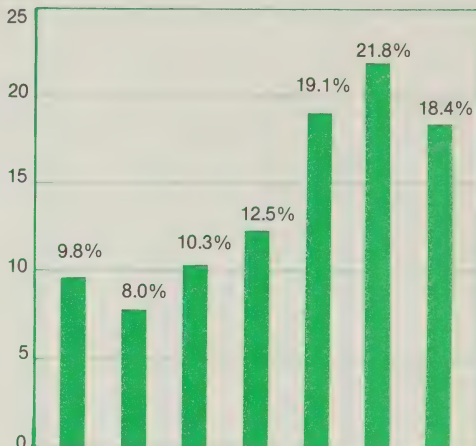
TIME OF DAY



hours beginning 12 Mid-night 6 AM 12 Noon 6 PM 12 Mid-night

Percent
of Total

DAY OF WEEK



Mon. Tues. Wed. Thurs. Fri. Sat. Sun.

PERSONS KILLED BY TIME OF DAY AND DAY OF WEEK

Time	Total	%	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Sun.
12 - 01 AM	95	6.6	2	6	11	6	18	25	27
01 - 02 "	103	7.1	3	6	13	4	12	38	27
02 - 03 "	71	4.9	—	5	4	3	8	25	26
03 - 04 "	45	3.1	2	2	3	1	8	15	14
04 - 05 "	23	1.6	1	1	—	6	1	8	6
05 - 06 "	27	1.9	—	—	3	1	3	9	11
06 - 07 "	24	1.7	1	4	4	3	3	7	2
07 - 08 "	32	2.2	7	3	8	3	3	6	2
08 - 09 "	44	3.0	5	6	4	11	5	5	8
09 - 10 "	32	2.2	7	6	1	7	2	4	5
10 - 11 "	39	2.7	3	6	7	7	8	5	3
11 - 12 "	39	2.7	4	4	6	6	3	7	9
12 - 01 PM	42	2.9	5	5	8	5	11	4	4
01 - 02 "	40	2.8	7	1	4	5	8	8	7
02 - 03 "	56	3.9	6	8	7	6	8	13	8
03 - 04 "	62	4.3	7	5	8	8	10	8	16
04 - 05 "	89	6.2	15	10	3	8	17	24	12
05 - 06 "	83	5.7	8	6	6	14	12	19	18
06 - 07 "	94	6.5	15	3	10	19	21	14	12
07 - 08 "	87	6.0	6	2	4	19	29	12	15
08 - 09 "	85	5.9	10	7	12	15	18	15	8
09 - 10 "	70	4.8	7	8	8	12	14	12	9
10 - 11 "	67	4.6	10	6	5	2	20	17	7
11 - 12 "	87	6.0	9	5	9	8	33	15	8
Unknown	9	0.6	1	1	1	2	1	1	2
Total	1445	100.0	141	116	149	181	276	316	266

Motor Vehicle Deaths by Month of Occurrence 1972 – 1981

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
January	121	130	94	139	71	74	61	113	108	93
February	89	84	89	85	76	74	73	75	98	86
March	105	122	118	114	86	89	64	97	92	102
April	134	116	101	77	96	82	92	108	86	88
May	155	147	150	136	129	121	111	110	135	137
June	203	183	150	148	147	150	146	155	143	126
July	192	211	191	200	166	165	176	137	182	173
August	195	256	214	203	191	162	164	187	164	158
September	225	207	173	189	144	121	159	153	171	127
October	186	196	170	181	126	141	156	140	112	120
November	172	153	175	169	126	124	132	126	123	126
December	157	154	123	159	153	117	116	159	94	109
Total	1,934	1,959	1,748	1,800	1,511	1,420	1,450	1,560	1,508	1,445

Motor Vehicle Injuries by Month of Occurrence 1972 – 1981

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
January	6,930	6,073	7,088	6,489	6,152	8,629	7,774	7,790	6,098	7,856
February	7,081	6,426	5,909	6,923	5,228	5,886	5,730	6,967	6,756	6,963
March	6,557	6,784	7,047	6,546	5,204	5,856	6,047	6,469	6,804	6,591
April	6,141	7,181	6,487	5,922	5,608	6,653	5,956	6,903	6,918	6,663
May	7,597	8,543	8,302	8,480	6,702	7,885	7,745	8,011	8,323	8,986
June	8,636	9,267	9,553	9,628	7,824	8,416	8,589	9,138	9,309	9,059
July	9,233	9,141	9,761	9,006	8,439	9,478	9,376	9,455	9,674	10,113
August	9,355	9,222	9,750	9,898	8,187	9,020	9,114	9,501	9,932	10,237
September	8,747	9,018	8,709	8,562	7,683	8,997	9,168	9,067	9,385	8,664
October	8,657	9,418	8,458	8,231	7,750	8,342	8,407	9,500	9,555	8,931
November	7,797	7,976	8,821	8,651	6,651	8,616	8,410	9,210	9,205	7,961
December	8,450	8,741	8,788	8,698	8,308	7,886	8,663	9,310	9,408	8,297
Total	95,181	97,790	98,673	97,034	83,736	95,664	94,979	101,321	101,367	100,321

Fatal Motor Vehicle Accidents and Fatalities/ Injuries on Long Weekends

LONG WEEKEND FATAL MOTOR VEHICLE ACCIDENTS — 1981 (From Friday 6 p.m. to Monday Midnight)									
Weekend	No. of Fatal Accidents	Drivers		Passengers		Other Victims*		Total	
		Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Victoria Day	14	8	9	5	6	5	—	18	15
Dominion Day***	—	—	—	—	—	—	—	—	—
Civic Day	19	10	3	5	8	8	—	23	11
Labour Day	19	9	9	5	13	7	2	21	24
Thanksgiving Day	20	9	6	5	11	8	2	22	19

LONG WEEKEND FATAL MOTOR VEHICLE ACCIDENTS — 1980 (From Friday 6 p.m. to Monday Midnight)									
Weekend	No. of Fatal Accidents	Drivers		Passengers		Other Victims*		Total	
		Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Victoria Day	14	4	4	3	11	7	1	14	16
Dominion Day**	—	—	—	—	—	—	—	—	—
Civic Day	15	9	9	4	21	4	—	17	30
Labour Day	19	12	7	4	42	6	—	22	49
Thanksgiving Day	24	12	19	10	20	3	1	25	40

*Includes Motorcycle, Moped Drivers and Passengers; Pedestrians; Bicyclists

**Dominion Day was on Tuesday

***Dominion Day was on Wednesday

MOTOR VEHICLE ACCIDENTS INVOLVING SCHOOL VEHICLES — SCHOOL YEARS 1971-72 — 1980-81													
School Year	Pupils Transported Daily	Total Number of Accidents (1)	PUPIL FATALITIES/PERSONAL INJURIES								Injury Rate Per 100,000 Pupils		
			Crossing Road (2)		Within School Vehicle		Other		Total		Fatal	Non Fatal	
			F.	P.I.	F.	P.I.	F.	P.I.	F.	P.I.			
1971-72	545,046	508	0	9	1	153	1	19	2	181	0.4	33	
1972-73	558,549	542	0	9	0	233*	3†	18	3	260	0.6	47	
1973-74	592,026	575	1	6	0	364**	0	17	1	387	0.2	65	
1974-75	578,817	622	4	19	2	205	0	28	6	252	1.1	45	
1975-76	594,410	727	2	14	2	155	1	24	5	193	0.8	32	
1976-77	600,082	793	0	10	0	247††	1	10	1	267	0.2	44	
1977-78	601,583	866	1	19	0	259‡‡‡	2	18	3	296	0.5	49	
1978-79	599,776	838	0	12	1	285‡	1	28	2	325	0.3	54	
1979-80	601,813	765	0	12	1	250	3	48	4	310	0.7	52	
1980-81	598,096	847	1	20	0	191	0	18	1	229	0.2	38	

MOTOR VEHICLE ACCIDENTS INVOLVING SCHOOL VEHICLES—SCHOOL YEARS 1979-80 — 1980-81													
Type of School Vehicle	Nature of Accident				Total Number of Accidents (1)	PUPIL FATALITIES/PERSONAL INJURIES						Total	
						Crossing Road (2)		Within School Vehicle		Other			
	Fatal	Pupil Injury	Non Pupil Injury	Property Damage		Fatal-ities	Personal Injuries	Fatal-ities	Personal Injuries	Fatal-ities	Personal Injuries	Fatal-ities	Personal Injuries
1980-81													
School Bus	3	91	131	502	727	1	19	—	164	—	13	1	196
Van	—	18	25	65	108	—	1	—	27	—	5	—	33
Station Wagon	—	—	1	2	3	—	—	—	—	—	—	—	—
Other Buses	—	—	2	7	9	—	—	—	—	—	—	—	—
Total	3	109	159	576	847	1	20	—	191	—	18	1	229
1979-80													
School Bus	6	86	142	450	684	—	11	—	228	3	46	3	285
Van	2	14	12	43	71	—	1	1	20	—	1	1	22
Station Wagon	—	3	2	4	9	—	—	—	2	—	1	—	3
Other Buses	—	—	—	1	1	—	—	—	—	—	—	—	—
Total	8	103	156	498	765	—	12	1	250	3	48	4	310

(1) Accidents involving a school vehicle directly or indirectly while transporting pupils to or from school.

(2) Pupil struck by approaching vehicle (excluding school vehicle) while waiting to board school vehicle, crossing road to board or after leaving school vehicle.

* Includes 3 separate accidents resulting in a total of 56 pupil injuries (27, 17, 12).

** Includes 6 separate accidents resulting in a total of 195 pupil injuries (46, 39, 35, 32, 25, 18).

† Includes one school age pedestrian who ran across a street into the path of an oncoming bus; two pupils, after being discharged were fatally injured by school buses while attempting to cross the streets in front of the buses.

†† Includes 7 separate accidents resulting in a total of 124 pupil injuries (48, 19, 13, 13, 11, 10, 10).

‡‡‡ Includes 7 separate accidents resulting in a total of 156 pupil injuries (36, 35, 25, 18, 16, 14, 12).

‡ Includes 6 separate accidents resulting in a total of 110 pupil injuries (30, 22, 19, 16, 13, 10).

Motor Vehicle Accidents by Type (Based on Initial Impact) 1972 - 1981

FATAL ACCIDENTS INVOLVING										
Year	Single Motor Vehicle	Motor Vehicle And								
		Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor	Animal	Other†	Total
1972	444	666	364	65	43	—	4	5	29	1,620
1973	488	676	321	69	42	1	8	3	17	1,625
1974	457	630	288	45	34	—	3	4	9	1,470
1975	480	651	273	64*	22	2	6	7	15	1,520
1976	376	567	228	46	28	2	2	1	15	1,265
1977	379	512	235	47	22	—	6	2	10	1,213
1978	378	526	263	49	28	—	6	2	11	1,263
1979	415	563	252	45	21	1	8	1	10	1,316
1980	463	521	247	30	17	—	5	4	9	1,296
1981	414	524	220	43	21	1	3	3	5	1,234

PERSONAL INJURY ACCIDENTS INVOLVING										
Year	Single Motor Vehicle	Motor Vehicle And								
		Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor	Animal	Other†	Total
1972	15,203	36,822	7,060	3,120	141	80	101	233	781	63,541
1973	16,733	37,564	6,827	3,329	131	89	90	237	335	65,335
1974	17,515	37,831	6,680	3,446	137	118	83	253	289	66,352
1975	17,274	36,914	6,570	4,218*	125	131	101	265	213	65,811
1976	14,700	32,682	6,502	3,432	116	84	76	192	244	58,028
1977	16,155	37,530	6,243	3,182	98	108	82	211	178	63,787
1978	16,093	37,406	5,614	2,881	94	82	85	229	180	62,664
1979	18,063	39,613	5,726	3,128	106	111	96	186	172	67,201
1980	18,382	39,296	5,822	3,284	93	89	82	230	113	67,391
1981	17,920	39,693	5,681	3,351	95	95	68	275	114	67,292

ALL MOTOR VEHICLE ACCIDENTS INVOLVING										
Year	Single Motor Vehicle	Motor Vehicle And								
		Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor	Animal	Other†	Total
1972	39,033	135,500	7,438	3,217	390	287	250	1,397	1,982	189,494
1973	41,965	137,039	7,161	3,412	322	353	254	1,554	961	193,021
1974	45,720	144,447	6,977	3,508	366	412	224	1,892	725	204,271
1975	48,283	150,252	6,860	4,328*	328	536	306	2,159	637	213,689
1976	44,422	153,559	6,739	3,497	321	455	316	1,792	764	211,865
1977	44,457	160,866	6,482	3,271	275	462	294	1,879	581	218,567
1978	40,332	134,590	5,881	2,969	237	311	234	1,361	448	186,363
1979	45,763	139,539	5,978	3,198	257	335	240	1,460	426	197,196
1980	47,417	136,754	6,072	3,355	228	352	243	1,761	319	196,501
1981	46,347	139,439	5,904	3,451	238	386	184	2,109	314	198,372

* Includes Moped Driver.

† Includes Horse Drawn Vehicles.

Type and Condition of Vehicles Involved in All Accidents 1981

TYPE OF VEHICLE INVOLVED IN ALL ACCIDENTS — 1981				
Type of Vehicle	In All Accidents	In Fatal	In Personal Injury	In Property Damage
Passenger Car	279,510	1,251	92,072	186,187
Passenger Car & Trailer	765	7	226	532
Truck	48,957	367	14,538	34,052
Truck & Trailer	784	17	193	574
Tractor & Semi-trailer	5,975	126	1,711	4,138
Motorcycle	5,256	107	4,638	511
Bus	2,598	14	932	1,652
School Bus	955	4	290	661
Other — Or Not Known	14,354	8	2,526	11,820
Non Motor Vehicle	4,988	80	3,978	930
Total	364,142	1,981	121,104	241,057

TYPE AND CONDITION OF VEHICLES INVOLVED — ALL ACCIDENTS — 1981											
Condition	Passenger Car	Passenger Car & Trailer	Truck	Truck & Trailer	Tractor Semi-Trailer	Motorcycle	Bus	School Bus	Other Motor Vehicle	Non Motor Vehicle	Total
No Apparent Defect	268,746	648	46,186	638	5,308	4,886	2,533	933	981	4,328	335,187
Service Brakes Defective	807	1	327	11	83	28	11	3	4	134	1,409
Steering Defective	241	—	79	6	14	16	—	1	—	1	358
Tire Puncture or Blow Out	818	11	190	13	47	26	1	3	3	2	1,114
Tire Tread Insufficient	655	—	160	1	9	20	2	—	—	2	849
Headlamps Defective	107	—	27	1	3	24	—	—	2	32	196
Other Lamps or Reflectors Defective	288	11	152	7	27	8	—	—	7	43	543
Engine Controls Defective	475	2	110	—	18	17	2	—	3	9	636
Wheels or Suspension Defective	157	4	85	7	63	15	2	—	6	2	341
Vision Obscured	203	1	39	—	6	—	—	4	1	4	258
Trailer Hitch Defective	—	52	—	60	37	—	—	—	—	—	149
Other Defects	1,266	25	414	26	150	48	7	2	56	118	2,112
Not Known	5,747	10	1,188	14	210	168	40	9	13,291	313	20,990
Total	279,510	765	48,957	784	5,975	5,256	2,598	955	14,354	4,988	364,142

TYPE OF VEHICLE INVOLVED IN ALL ACCIDENTS 1980-1981

CLASS OF DRIVER LICENCE REQUIRED	TYPES OF VEHICLES	1980				1981			
		FATAL	PERSONAL INJURY	PROPERTY DAMAGE	TOTAL	FATAL	PERSONAL INJURY	PROPERTY DAMAGE	TOTAL
PASSENGER VEHICLES	Passenger Car/Station Wagon	1,381	91,159	182,666	275,206	1,234	90,543	183,365	275,142
	Taxi/Limousine	5	292	540	837	4	232	416	652
	Hearse	0	4	4	8	0	0	0	3
	Dune Buggy	2	8	4	14	0	16	11	27
	Ambulance	0	44	52	96	0	36	78	114
	Fire Department Vehicle	0	11	36	47	2	11	26	39
	Police Force Vehicle	2	229	258	489	2	232	254	488
	Public Utility Emergency Vehicle	0	0	2	2	0	0	5	5
	Passenger Van	16	533	861	1,410	7	903	1,821	2,731
	Other Passenger Vehicle	1	46	99	146	2	99	208	309
PASSENGER VEHICLES AND TRAILERS	P.V. and House Trailer	0	35	81	116	0	27	61	88
	P.V. and Boat Trailer	3	37	103	143	1	30	98	129
	P.V. and Tent Trailer	1	24	65	90	0	24	40	64
	P.V. and Utility Trailer	0	24	78	102	0	46	82	128
	P.V. and Other Trailer	0	114	251	365	2	85	235	322
	Other P.V. and Trailer	3	13	58	74	4	14	16	34
	Truck with Concrete Mixer	3	30	44	77	1	26	53	80
	Truck with Stake or Platform Body	21	355	956	1,332	17	379	974	1,370
	Truck with Tank Body	0	88	214	302	4	81	208	293
	Truck with Dump Body	16	476	1,053	1,545	19	452	1,096	1,567
TRUCKS	Tow Truck	1	96	241	338	0	102	277	379
	Tractor not pulling a trailer	4	56	117	177	5	71	156	232
	Pick-up Truck	167	8,229	17,908	26,304	196	8,197	18,506	26,899
	Delivery van	87	4,467	10,063	14,617	115	4,280	10,324	14,719
	Pick-up Camper	2	12	39	53	0	10	30	40
	Fire Truck	1	7	15	23	0	2	18	18
	Other Truck	10	315	947	1,272	7	499	1,380	1,886
	Other Truck	2	275	837	1,114	2	410	982	1,394
	Tow Truck	0	31	111	142	1	29	50	80
	Pick-up and recreation trailer	0	18	49	67	1	2	18	21
TRUCK AND TRAILER	Pick-up and recreation semi-trailer	0	5	6	11	2	9	26	37
	Pick-up and other semi-trailer	3	108	256	367	6	88	297	391
	Truck/trailer-dump	1	8	28	37	0	11	27	38
	Truck/trailer-frame	0	1	3	4	0	3	9	12
	Truck/trailer-tank	0	2	4	6	1	1	12	14
	Truck/trailer-stake or platform body	0	5	29	34	5	13	35	53
	Truck/trailer-van	0	3	26	29	1	11	23	35
	Truck and pole trailer	0	0	5	5	0	0	1	1
	Tow truck hauling a disabled vehicle	1	8	27	36	0	12	40	52
	Other truck/trailer	1	10	16	55	0	7	21	29

OTHER MOTOR VEHICLES	G	Other truck/trailer	1	14	40	55	0	10	19	29
		Other truck/trailer	1	16	35	52	1	10	23	34
SCHOOL VEHICLES	D	Tow Truck Hauling a disabled vehicle	2	7	38	47	0	16	23	39
		Tractor/semi-trailer-dump	3	59	109	171	5	73	106	184
TRACTOR AND SEMI-TRAILERS	A	Tractor/semi-trailer-frame	0	6	12	18	0	9	18	27
		Tractor/semi-trailer-tank	3	64	95	162	5	50	124	179
TRACTOR AND SEMI-TRAILERS	A	Tractor/semi-trailer-stake or platform	2	60	140	202	3	118	227	348
		Tractor/semi-trailer-van	13	377	1,064	1,454	24	345	932	1,301
TRACTOR AND SEMI-TRAILERS	A	Tractor/semi-trailer-concrete mixer	0	0	4	4	0	0	6	6
		Tractor/semi-trailer float	19	118	196	333	25	56	167	248
TRACTOR AND SEMI-TRAILERS	A	Tractor/semi-trailer-car transport	2	31	35	68	6	5	9	14
		Tractor/semi-trailer-other	79	897	1,990	2,966	49	1,004	2,417	3,470
TRACTOR AND SEMI-TRAILERS	A	Tractor/semi-trailer and pup-dump	0	9	18	27	1	2	12	15
		Tractor/semi-trailer and pup-frame	0	1	0	1	0	2	1	3
TRACTOR AND SEMI-TRAILERS	A	Tractor/semi-trailer and pup-tank	1	5	10	16	0	6	13	19
		Tractor/semi-trailer and pup-stake or platform	1	3	4	8	2	3	11	16
TRACTOR AND SEMI-TRAILERS	A	Tractor/semi-trailer and pup-van	1	10	13	24	1	4	11	16
		Tractor/semi-trailer and pup-other	2	34	58	94	4	13	35	52
TRACTOR AND SEMI-TRAILERS	A	Tractor/semi-trailer and semi-trailer-tank	1	0	11	11	1	1	7	9
		Tractor/semi-trailer and semi-trailer stake or platform	0	2	4	6	1	2	4	7
TRACTOR AND SEMI-TRAILERS	A	Tractor/semi-trailer and semi-trailer-van	0	2	3	5	2	3	6	11
		Tractor/semi-trailer and semi-trailer-other	2	13	25	40	3	15	32	50
BUS	C	Transit - Intercity	0	83	139	222	0	97	241	338
		Transit - Urban	14	754	1,378	2,146	13	793	1,317	2,123
BUS	F	Coach - Intercity	2	21	40	63	0	18	47	65
		Coach - Urban	1	25	37	63	1	24	47	72
SCHOOL VEHICLES	E	School bus or School van-Seating capacity 10-23	0	36	52	88	1	42	61	104
		School bus — Seating capacity 24 or over	5	201	471	677	3	202	516	715
SCHOOL VEHICLES	G	School van — Seating capacity under 10	0	7	10	17	0	7	4	11
		Station wagon	0	4	2	6	0	1	7	8
OTHER MOTOR VEHICLES	G	Other bus	0	18	44	62	0	38	79	117
		Motor home	2	32	98	132	2	35	107	144
OTHER MOTOR VEHICLES	M	Motorcycle	103	3,922	382	4,407	107	4,577	508	5,192
		Moped	0	77	5	82	0	61	3	64
NON-MOTOR VEHICLES	G	Snowmobile	12	90	41	143	4	82	43	129
		Farm Tractor	7	103	181	291	3	84	145	232
NON-MOTOR VEHICLES	A	Tractor or construction equipment	1	53	177	231	2	53	167	222
		Train	17	101	122	240	21	99	129	249
NON-MOTOR VEHICLES	A	Street car	0	109	291	400	1	117	318	436
		Bicycle	36	3,425	62	3,523	47	3,527	77	3,651
NON-MOTOR VEHICLES	A	Snow Plow	0	4	12	16	0	2	13	15
		Go-cart	0	3	0	3	0	2	0	2
NON-MOTOR VEHICLES	A	Horse and buggy	0	7	5	12	1	6	4	11
		Other	0	8	28	36	1	6	34	41
NON-MOTOR VEHICLES	A	Unknown	9	2,230	11,132	13,371	6	2,491	11,713	14,210
		Total	2,075	120,219	238,764	359,058	1,981	121,104	241,057	364,142

Motor Vehicle Accidents by Place of Occurrence 1972 — 1981

FATAL ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1972	473	105	673	369	1,620
1973	404	132	606	483	1,625
1974	385	118	565	402	1,470
1975	487	143	537	353	1,520
1976	366	89	467	343	1,265
1977	389	70	415	339	1,213
1978	433	95	418	317	1,263
1979	457	99	434	326	1,316
1980	460	92	444	300	1,296
1981	422	91	432	289	1,234

PERSONAL INJURY ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1972	39,685	3,861	10,137	9,858	63,541
1973	37,067	3,780	10,351	14,137	65,335
1974	33,573	3,780	10,097	18,902	66,352
1975	32,923	3,955	10,085	18,848	65,811
1976	29,243	3,037	8,412	17,336	58,028
1977	34,540	3,652	9,364	16,231	63,787
1978	41,207	4,071	8,779	8,607	62,664
1979	44,078	4,353	9,246	9,524	67,201
1980	44,397	4,159	8,853	9,982	67,391
1981	43,731	4,604	8,648	10,309	67,292

ALL MOTOR VEHICLE ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1972	123,366	8,786	29,713	27,629	189,494
1973	114,170	11,333	26,882	40,636	193,021
1974	108,552	11,562	27,495	56,662	204,271
1975	112,358	12,693	28,465	60,173	213,689
1976	113,199	11,165	26,028	61,473	211,865
1977	127,764	12,470	26,570	51,763	218,567
1978	128,595	11,963	22,339	23,466	186,363**
1979	135,980	13,114	23,082	25,020	197,196
1980	135,533	12,452	22,216	26,300	196,501
1981	135,325	13,764	21,801	27,482	198,372

*Includes Secondary Highways.

**Minimum reportable property damage amount changed from over \$200 to over \$400 on January 1, 1978.

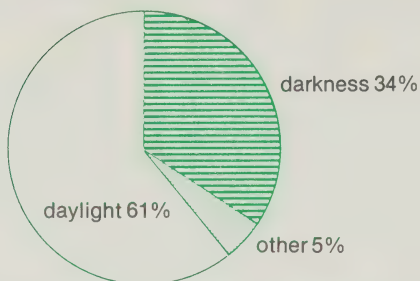
Type of Accidents — 1981

ACCIDENT INVOLVING MOTOR VEHICLE AND	CLASS OF ACCIDENTS — 1981			
	FATAL	PERSONAL INJURY	PROPERTY DAMAGE ONLY	TOTAL
Other Motor Vehicle	524	39,693	99,222	139,439
Pedestrian	220	5,681	3	5,904
Cyclist	43	3,351	57	3,451
Railway Train	21	95	122	238
Street Car	1	95	290	386
Farm Tractor	3	68	113	184
Animal	3	275	1,831	2,109
Other Moveable Object	5	114	195	314
Restraining Barrier	35	1,432	4,428	5,895
Rigid Pole	41	2,205	3,980	6,226
Breakaway Pole	9	538	1,228	1,775
Tree	56	1,436	1,794	3,286
Post	27	749	1,955	2,731
Fence	13	456	1,292	1,761
Culvert	17	473	367	857
Bridge Support	5	200	276	481
Rock Face	17	463	557	1,037
Snow Bank or Drift	5	202	420	627
Ditch	79	4,179	4,074	8,332
Curb	24	1,040	1,514	2,578
Crash Cushion	0	37	85	122
Building or Wall	1	212	521	734
Other Fixed Object	31	1,048	2,174	3,253
Fire/Explosion	0	28	600	628
Submersion	1	7	9	17
Rollover	45	1,798	1,162	3,005
Other Non-Collision Event	8	1,417	1,577	3,002
Total	1,234	67,292	129,846	198,372

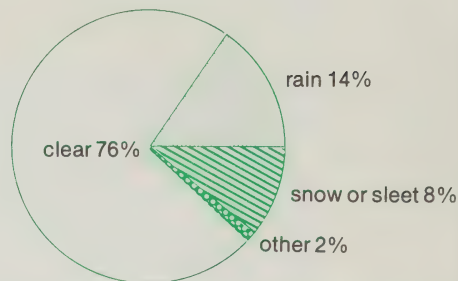
ACCIDENT INVOLVING MOTOR VEHICLE AND	CLASS OF ACCIDENTS — 1980			
	FATAL	PERSONAL INJURY	PROPERTY DAMAGE ONLY	TOTAL
Other Motor Vehicle	521	39,296	96,937	136,754
Pedestrian	247	5,822	3	6,072
Cyclist	30	3,284	41	3,355
Railway Train	17	93	118	228
Street Car	0	89	263	352
Farm Tractor	5	82	156	243
Animal	4	230	1,527	1,761
Other Moveable Object	9	113	197	319
Restraining Barrier	38	1,371	4,227	5,636
Rigid Pole	47	2,536	4,223	6,806
Breakaway Pole	11	486	1,150	1,647
Tree	64	1,547	2,075	3,686
Post	20	807	2,085	2,912
Fence	12	506	1,450	1,968
Culvert	23	511	424	958
Bridge Support	14	243	325	582
Rock Face	22	557	600	1,179
Snow Bank or Drift	1	134	289	424
Ditch	89	4,294	4,214	8,597
Curb	20	966	1,515	2,501
Crash Cushion	1	29	48	78
Building or Wall	2	273	588	863
Other Fixed Object	32	1,030	2,246	3,308
Fire/Explosion	0	22	577	599
Submersion	5	16	25	46
Rollover	43	1,737	1,086	2,866
Other Non-Collision Event	19	1,317	1,425	2,761
Total	1,296	67,391	127,814	196,501

All Accidents — 1981 — Light Condition, Visibility and Road Location

Light Condition



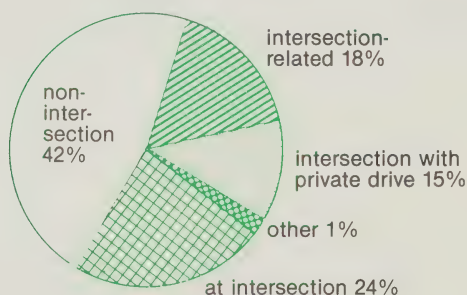
Visibility



Light Condition	Total	Fatal	Personal Injury	Property Damage
Daylight	121,894	533	40,732	80,629
Dawn	2,528	15	810	1,703
Dusk	6,860	43	2,374	4,443
Darkness	67,090	643	23,376	43,071
Total	198,372	1,234	67,292	129,846

Visibility	Total	Fatal	Personal Injury	Property Damage
Clear	151,541	1,034	52,428	98,079
Rain	28,388	99	9,701	18,588
Snow or Sleet	15,604	66	4,108	11,430
Fog, Mist, Smoke, or Dust	2,839	35	1,055	1,749
Total	198,372	1,234	67,292	129,846

Road Location



Road Location	Total	Fatal	Personal Injury	Property Damage
Non-Intersection	82,697	787	28,176	53,734
Intersection-Related	35,956	87	12,236	23,633
At Intersection	47,417	198	17,667	29,552
Intersection with Private Drive	29,000	117	8,012	20,871
At Railroad Crossing	711	20	263	428
Underpass or Tunnel	370	5	133	232
Overpass or Bridge	1,887	18	701	1,168
Other	334	2	104	228
Total	198,372	1,234	67,292	129,846

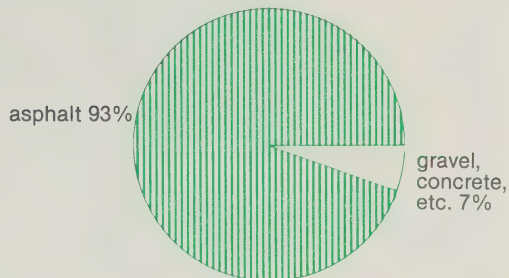
All Accidents — 1981 — Road Condition, Road Type and Road Surface Condition

Road Condition



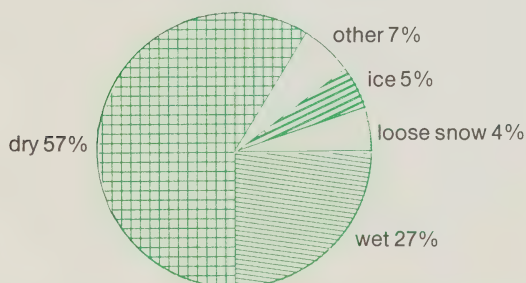
Road Condition	Total	Fatal	Personal Injury	Property Damage
Good	193,635	1,206	65,725	126,704
Under Repair	985	2	326	657
Under Const.	1,783	17	594	1,172
Other	1,969	9	647	1,313
Total	198,372	1,234	67,292	129,846

Road Type



Road Type	Total	Fatal	Personal Injury	Property Damage
Asphalt	185,306	1,144	62,621	121,541
Gravel or Crushed Stone	7,979	61	2,973	4,945
Concrete	4,117	22	1,386	2,709
Earth	630	3	202	425
Other	340	4	110	226
Total	198,372	1,234	67,292	129,846

Road Surface Condition



Road Surface Condition	Total	Fatal	Personal Injury	Property Damage
Dry	113,354	893	41,207	71,254
Wet	54,245	224	18,297	35,724
Loose Snow	7,995	27	1,889	6,079
Slush	5,621	20	1,465	4,136
Packed Snow	6,377	20	1,444	4,913
Ice	9,287	42	2,394	6,851
Mud	136	—	31	105
Loose Sand or Gravel	1,357	8	565	784
Total	198,372	1,234	67,292	129,846

Statistics Relating to Motor Vehicle Accidents By Counties, Districts, Regional Municipalities, Ontario Cities, Towns and Villages — 1981



Motor Vehicle Accidents by Counties, Districts and Regional Municipalities — 1981

County, District or Regional Municipality	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Algoma	4,184	46	1,378	2,760	56	2,143
Brant	2,334	18	779	1,537	26	1,178
Bruce	1,154	16	389	749	17	637
Cochrane	2,180	15	661	1,504	17	994
Dufferin	313	6	95	212	11	147
Dundas	711	8	267	436	9	420
Durham	5,975	44	2,200	3,731	54	3,501
Elgin	1,166	15	405	746	17	665
Essex	6,808	41	2,551	4,216	48	3,866
Frontenac	2,349	11	805	1,533	14	1,185
Glengarry	496	10	177	309	10	276
Grenville	475	9	167	299	15	263
Grey	1,489	12	529	948	12	836
Haldimand-Norfolk	1,734	18	650	1,066	22	1,024
Haliburton	372	3	133	236	3	209
Halton	5,936	35	2,156	3,745	45	3,254
Hamilton-Wentworth	9,874	46	3,831	5,997	51	5,673
Hastings	2,350	24	779	1,547	30	1,189
Huron	1,063	11	370	682	15	595
Kenora	1,447	25	436	986	27	695
Kent	2,187	23	786	1,378	28	1,147
Lambton	2,862	25	950	1,887	29	1,428
Lanark	966	10	349	607	15	516
Leeds	1,191	15	438	738	19	689
Lennox & Addington	600	9	221	370	10	357
Manitoulin	288	8	104	176	9	179
Middlesex	7,155	42	2,652	4,461	51	3,883
Muskoka	1,138	14	386	738	21	604
Niagara	8,965	57	3,004	5,904	60	4,394
Nipissing	1,851	13	684	1,154	15	1,043
Northumberland	1,347	18	543	786	22	916
Ottawa-Carleton	12,924	53	3,451	9,420	58	4,791
Oxford	1,749	21	560	1,168	24	882
Parry Sound	981	25	351	605	30	571
Peel	10,904	61	3,655	7,188	70	5,603
Perth	1,313	14	437	862	22	683
Peterborough	2,275	20	832	1,423	27	1,322
Prescott	611	5	196	410	7	282
Prince Edward	360	5	120	235	6	178
Rainy River	640	2	163	475	2	251
Renfrew	1,646	22	604	1,020	29	995
Russell	292	3	112	177	3	165
Simcoe	4,944	45	1,725	3,174	58	2,801
Stormont	1,395	6	500	889	8	738
Sudbury	3,952	45	1,407	2,500	49	2,152
Thunder Bay	4,580	30	1,315	3,235	33	1,964
Timiskaming	1,012	13	318	681	16	518
Victoria	1,054	11	386	657	11	633
Waterloo	6,415	28	2,044	4,343	31	3,019
Wellington	2,538	23	915	1,600	28	1,396
*York	57,827	155	19,326	38,346	155	27,471

Total 198,372 1,234 67,292 129,846 1,445 100,321

*Includes Metropolitan Toronto

Motor Vehicle Accidents in Ontario Cities, Towns and Villages — 1981

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Ailsa Craig	1	0	0	1	0	0
Ajax	323	1	118	204	1	195
Alexandria	106	1	33	72	1	42
Alfred	2	0	0	2	0	0
Alliston	69	0	25	44	0	29
Almonte	19	0	5	14	0	6
Alvinston	5	0	0	5	0	0
Amherstburg	83	1	23	59	1	39
Ancaster	192	1	83	108	1	124
Angus	14	0	3	11	0	6
Apple Hill	1	0	0	1	0	0
Arkona	4	0	3	1	0	4
Arnprior	61	0	12	49	0	15
Arthur	21	0	5	16	0	7
Athens	5	0	3	2	0	3
Atikokan	16	0	2	14	0	2
Aurora	312	0	106	206	0	156
Aylmer	88	0	20	68	0	28
Ayton	2	0	0	2	0	0
Balmertown	4	0	1	3	0	2
Bancroft	55	0	13	42	0	17
Barrie	885	2	231	652	2	331
Barrys Bay	12	0	2	10	0	3
Bath	6	0	0	6	0	0
Bayfield	2	0	1	1	0	1
Beachburg	2	0	0	2	0	0
Beeton	7	0	1	6	0	1
Belwood	1	0	0	1	0	0
Belle River	33	0	14	19	0	19
Belleville	746	3	213	530	5	301
Belmont	5	0	2	3	0	2
Blenheim	38	0	17	21	0	24
Blind River	77	0	20	57	0	26
Bloomfield	6	0	2	4	0	2
Blyth	9	0	0	9	0	0
Bobcaygeon	19	0	5	14	0	5
Bothwell	9	0	2	7	0	2
Bourget	1	0	0	1	0	0
Bracebridge	84	0	23	61	0	35
Bradford	113	0	28	85	0	37
Braeside	4	0	2	2	0	3
Brampton	2,443	20	829	1,594	28	1,301
Brantford	1,531	3	482	1,046	4	659
Brighton	25	1	11	13	1	16
Brockville	437	1	126	310	2	176
Bruce Mines	6	0	2	4	0	5
Brussels	10	0	3	7	0	3
Burk's Falls	3	0	2	1	0	2
Burlington	1,899	5	674	1,220	10	982
Cache Bay	3	0	1	2	0	1
Caledon	612	6	245	361	7	395

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Cambridge	1,424	4	458	962	4	653
Campbellford	26	0	4	22	0	6
Capreol	25	0	5	20	0	7
Cardinal	14	0	5	9	0	8
Carleton Place	109	0	40	69	0	54
Casselman	14	0	7	7	0	7
Chalk River	7	0	3	4	0	3
Chatham	852	2	245	605	3	326
Chatsworth	1	0	0	1	0	0
Chesley	11	0	1	10	0	1
Chesterville	25	0	2	23	0	2
Chute a Blondeau	1	0	0	1	0	0
Clarksburg	3	1	0	2	1	1
Clifford	10	0	2	8	0	2
Clinton	58	1	12	45	1	15
Cobalt	29	1	5	23	1	8
Cobden	4	0	1	3	0	1
Cobourg	204	0	72	132	0	99
Cochrane	80	0	23	57	0	36
Coboconk	1	0	0	1	0	0
Colborne	21	0	3	18	0	4
Coldwater	3	0	1	2	0	1
Collingwood	204	3	69	132	3	96
Comber	2	0	1	1	0	1
Cookstown	16	0	2	14	0	2
Cornwall	1,079	4	376	699	5	549
Creemore	7	0	1	6	0	1
Dashwood	1	0	0	1	0	0
Deep River	17	0	8	9	0	11
Deseronto	18	0	4	14	0	4
Dorchester	1	0	0	1	0	0
Drayton	6	0	2	4	0	3
Dresden	38	0	14	24	0	19
Dryden	168	2	32	134	2	48
Dundalk	10	0	3	7	0	3
Dundas	296	0	93	203	0	127
Dunnville	172	2	55	115	3	78
Durham	53	0	20	33	0	24
Ear Falls	5	0	0	5	0	0
East Gwillimbury	35	2	14	19	2	23
Eganville	15	1	1	13	1	2
Elliot Lake	354	0	93	261	0	130
Elmvale	17	1	5	11	1	6
Elora	35	0	7	28	0	12
Embrun	8	0	2	6	0	2
Englehart	14	0	4	10	0	4
Erieau	8	0	1	7	0	1
Erin	20	0	6	14	0	10
Espanola	68	0	18	50	0	21
Essex	79	0	17	62	0	22
Exeter	56	0	21	35	0	25

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Fenelon Falls	36	0	10	26	0	15
Fergus	93	0	23	70	0	31
Finch	2	0	1	1	0	1
Flesherton	11	0	2	9	0	2
Forest	35	0	13	22	0	20
Fort Erie	539	5	173	361	5	261
Fort Frances	208	0	51	157	0	75
Frankford	17	1	8	8	1	9
Gananoque	76	0	21	55	0	34
Geraldton	39	0	10	29	0	13
Glencoe	23	0	3	20	0	5
Gloucester	571	5	187	379	5	258
Goderich	139	0	36	103	0	43
Gore Bay	2	0	1	1	0	1
Grand Bend	31	0	11	20	0	22
Grand Valley	7	0	3	4	0	3
Gravenhurst	72	0	19	53	0	27
Grimsby	242	4	81	157	4	126
Guelph	1,113	4	405	704	4	555
Haldimand	93	1	30	62	1	42
Haileybury	54	1	15	38	1	21
Halton Hills	729	4	254	471	5	370
Hamilton	6,952	22	2,708	4,222	24	3,862
Hanover	133	0	35	98	0	48
Harriston	22	1	7	14	1	8
Harrow	38	0	9	29	0	10
Hastings	1	0	0	1	0	0
Havelock	9	0	2	7	0	2
Hawkesbury	198	0	41	157	0	58
Hearst	70	1	21	48	1	28
Hensall	8	0	3	5	0	4
Hepworth	1	0	0	1	0	0
Hillsburgh	2	0	0	2	0	0
Holstein	2	0	2	0	0	2
Huntsville	87	0	21	66	0	24
Ingersoll	145	0	38	107	0	45
Inwood	1	0	1	0	0	2
Iron Bridge	3	0	1	2	0	1
Iroquois	1	0	0	1	0	0
Iroquois Falls	73	0	21	52	0	23
Kanata	142	0	41	101	0	57
Kapuskasing	158	1	41	116	1	53
Keewatin	24	1	3	20	1	3
Kemptville	26	0	2	24	0	2
Kenora	194	2	63	129	2	94
Killaloe Station	5	0	0	5	0	0
Kincardine	57	0	15	42	0	19
Kingston	1,235	2	382	851	2	527
Kingsville	50	0	15	35	0	19
Kirkland Lake	231	1	56	174	1	73
Kitchener	2,584	7	825	1,752	7	1,214

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Lakefield	35	0	20	15	0	32
Lanark	2	0	0	2	0	0
Lancaster	2	0	0	2	0	0
Latchford	3	0	0	3	0	0
Leamington	250	1	61	188	2	86
Lincoln	217	3	84	130	3	128
Lindsay	250	0	87	163	0	127
Listowel	96	0	28	68	0	34
Little Current	12	0	3	9	0	5
London	5,371	9	1,931	3,431	10	2,706
Lorignal	12	0	4	8	0	4
Lucan	24	0	6	18	0	8
Lucknow	9	0	3	6	0	7
Lyn	1	0	0	1	0	0
Madoc	8	0	1	7	0	3
Magnetawan	1	0	0	1	0	0
Markdale	20	0	6	14	0	12
Markham	857	7	277	573	8	400
Marmora	14	0	3	11	0	9
Massey	4	0	1	3	0	1
Mattawa	17	1	6	10	1	7
Maxville	6	0	2	4	0	2
Meaford	49	0	10	39	0	11
Merlin	3	0	2	1	0	2
Merrickville	7	0	2	5	0	2
Midland	205	0	81	124	0	135
Mildmay	5	0	1	4	0	1
Millbrook	2	0	1	1	0	1
Milton	638	5	251	382	6	382
Milverton	13	0	3	10	0	5
Mississauga	5,661	17	1,775	3,869	17	2,588
Mitchell	54	1	11	42	1	16
Moorefield	2	0	1	1	0	1
Morrisburg	24	0	5	19	0	5
Mount Brydges	2	0	0	2	0	0
Mount Forest	47	0	11	36	0	14
Nanticoke	224	4	85	135	4	134
Napanee	96	1	36	59	1	48
Nepean	903	1	253	649	1	371
Neustadt	5	0	2	3	0	4
Newburgh	3	0	0	3	0	0
Newbury	3	1	1	1	1	2
Newcastle	477	3	173	301	3	258
New Liskeard	86	0	19	67	0	26
Newmarket	340	1	114	225	1	170
Niagara-on-the-Lake	208	4	91	113	4	138
Niagara Falls	1,692	8	574	1,110	9	852
Nickel Centre	97	1	41	55	1	53
North Bay	827	4	283	540	4	394
Norwood	9	0	2	7	0	2
Oakville	1,408	8	493	907	9	714

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Oil Springs	5	0	2	3	0	2
Omemee	12	0	2	10	0	3
Onaping Falls	27	1	10	16	1	15
Orangeville	239	0	76	163	0	107
Orillia	371	0	124	247	0	194
Oshawa	2,196	5	781	1,408	7	1,171
Ottawa	8,062	12	2,054	5,996	12	2,714
Owen Sound	274	0	93	181	0	119
Paisley	6	0	0	6	0	0
Palmerston	17	0	3	14	0	7
Paris	105	1	29	75	1	43
Parkhill	13	0	3	10	0	7
Parry Sound	76	0	23	53	0	29
Pelham	134	0	43	91	0	58
Pembroke	254	0	72	182	0	109
Penetanguishene	77	1	21	55	1	26
Perth	134	0	42	92	0	57
Petawawa	27	0	10	17	0	12
Peterborough	1,283	2	420	861	2	610
Petrolia	48	0	17	31	0	24
Pickering	553	4	207	342	5	304
Picton	93	2	15	76	2	28
Plantagenet	6	0	0	6	0	0
Point Edward	55	0	22	33	0	36
Port Burwell	5	0	0	5	0	0
Port Colborne	383	2	102	279	2	140
Port Elgin	104	2	30	72	2	45
Port Hope	82	0	32	50	0	-47
Port McNicoll	11	0	3	8	0	6
Port Stanley	23	0	3	20	0	5
Powassan	4	0	1	3	0	1
Prescott	80	0	15	65	0	25
Rainy River	10	0	4	6	0	7
Rayside-Balfour	83	2	30	51	2	43
Renfrew	142	0	55	87	0	73
Richmond Hill	501	2	161	338	2	237
Ridgetown	24	0	2	22	0	2
Ripley	3	0	0	3	0	0
Rockcliffe Park	29	0	6	23	0	10
Rockland	34	0	10	24	0	13
Rockwood	8	1	0	7	1	0
Rodney	9	1	2	6	1	4
Rosseau	4	0	0	4	0	0
Russell	3	0	1	2	0	1
St. Catharines	2,531	6	839	1,686	6	1,136
St. Clair Beach	17	1	8	8	1	14
St. Isidore de Prescott	2	0	1	1	0	1
St. Marys	67	0	19	48	0	24
St. Thomas	401	1	141	259	1	215
Sarnia	1,317	2	378	937	2	538
Sault Ste. Marie	2,479	14	789	1,676	17	1,146

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Seaforth	28	0	5	23	0	5
Shedden	1	0	1	0	0	1
Shelburne	30	0	9	21	0	11
Simcoe	273	1	88	184	1	127
Sioux Lookout	46	0	4	42	0	6
Smiths Falls	188	0	39	149	0	52
Smooth Rock Falls	18	0	5	13	0	5
Southampton	50	0	19	31	0	30
South River	3	0	0	3	0	0
Springfield	2	0	0	2	0	0
Stayner	23	0	4	19	0	4
Stirling	16	0	3	13	0	4
Stoney Creek	601	2	248	351	2	367
Stoney Point	2	0	0	2	0	0
Stratford	524	1	142	381	1	188
Strathroy	133	0	42	91	0	65
Sturgeon Falls	103	0	32	71	0	44
Sudbury	2,222	10	736	1,476	12	1,077
Sundridge	10	0	5	5	0	8
Tara	2	0	0	2	0	0
Tecumseh	71	0	22	49	0	26
Teeswater	8	0	2	6	0	5
Thamesville	13	0	4	9	0	4
Thedford	8	1	1	6	2	1
Thessalon	17	0	3	14	0	3
Thornbury	20	0	4	16	0	4
Thorold	234	2	75	157	2	101
Thunder Bay	2,900	11	731	2,158	11	1,037
Tilbury	60	0	17	43	0	19
Tillsonburg	185	0	60	125	0	91
Timmins	935	1	246	688	1	350
Tiverton	1	0	0	1	0	0
Toronto	46,478	90	15,367	31,021	93	21,214
Tottenham	21	1	8	12	1	12
Trenton	329	2	93	234	2	131
Tweed	14	0	1	13	0	1
Valley East	190	4	92	94	4	144
Vanier	568	3	145	420	3	188
Vankleek Hill	20	0	4	16	0	7
Vaughan	633	4	220	409	4	333
Victoria Harbour	11	0	4	7	0	5
Walden	68	2	27	39	2	36
Waldemar	1	0	0	1	0	0
Walkerton	70	0	19	51	0	22
Wallaceburg	193	2	63	128	2	91
Wardsville	1	0	0	1	0	0
Warkworth	11	0	2	9	0	5
Wasaga Beach	104	0	49	55	0	82
Waterloo	980	2	281	697	2	389
Watford	15	0	2	13	0	4
Webbwood	2	0	0	2	0	0

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Welland	1,090	4	327	759	6	453
Wellington	10	0	2	8	0	2
West Lorne	11	0	1	10	0	1
Westport	12	0	4	8	0	9
Wheatley	17	0	3	14	0	3
Whitby	699	7	263	429	7	403
Whitchurch-Stouffville	101	1	37	63	1	63
Warton	28	0	9	19	0	15
Winchester	5	1	2	2	1	3
Winchester Springs	14	0	4	10	0	6
Windsor	4,553	13	1,610	2,930	13	2,375
Wingham	53	0	11	42	0	19
Woodstock	535	3	150	382	5	212
Woodville	2	0	1	1	0	3
Wyoming	13	0	5	8	0	5
Zurich	9	0	3	6	0	3
Total	141,037	442	45,762	94,825	488	64,749

Summary of Motor Vehicle Traffic Accident Statistics

Number of Accidents

Ontario 1981

	Total	Fatal	Personal Injury	Property Damage Only
Accident Involves*				
Single Motor Vehicle	46,347	414	17,920	28,013
or				
Motor Vehicle And				
Other Motor Vehicle/s	139,439	524	39,693	99,222
Pedestrian	5,904	220	5,681	3
Cyclist	3,451	43	3,351	57
Railroad Train	238	21	95	122
Street Car	386	1	95	290
Farm Tractor	184	3	68	113
Animal	2,109	3	275	1,831
Other	314	5	114	195
Total	198,372	1,234	67,292	129,846

Month of Occurrence				
January	19,452	82	5,274	14,096
February	16,905	72	4,808	12,025
March	13,761	85	4,375	9,301
April	12,817	77	4,583	8,157
May	15,928	111	6,037	9,780
June	15,818	115	6,135	9,568
July	16,655	139	6,699	9,817
August	16,668	136	6,557	9,975
September	16,058	105	5,811	10,142
October	18,140	110	6,119	11,911
November	16,679	107	5,324	11,248
December	19,491	95	5,570	13,826
Total	198,372	1,234	67,292	129,846

Day of Occurrence				
Sunday	22,375	217	8,317	13,841
Monday	25,380	128	8,431	16,821
Tuesday	26,951	109	8,782	18,060
Wednesday	25,346	129	8,275	16,942
Thursday	29,732	160	9,803	19,769
Friday	35,930	240	12,091	23,599
Saturday	32,658	251	11,593	20,814
Total	198,372	1,234	67,292	129,846

Hour of Occurrence				
12 to 1 A.M.	5,837	71	2,210	3,556
1 to 2 "	7,890	93	3,054	4,743
2 to 3 "	4,724	63	1,814	2,847
3 to 4 "	2,693	40	1,002	1,651
4 to 5 "	1,768	19	682	1,067
5 to 6 "	1,426	19	519	888
6 to 7 "	3,236	20	1,101	2,115
7 to 8 "	7,356	27	2,272	5,057
8 to 9 "	9,895	41	2,943	6,911
9 to 10 "	6,754	27	1,915	4,812
10 to 11 "	7,412	33	2,232	5,142
11 to 12 "	8,674	33	2,698	5,943
12 to 1 P.M.	10,276	36	3,398	6,842
1 to 2 "	10,380	38	3,401	6,941
2 to 3 "	10,955	49	3,546	7,360
3 to 4 "	14,686	51	5,053	9,582
4 to 5 "	16,943	73	5,812	11,058
5 to 6 "	14,482	67	5,039	9,376
6 to 7 "	10,772	80	3,895	6,797
7 to 8 "	10,049	71	3,695	6,283
8 to 9 "	8,491	78	3,034	5,379
9 to 10 "	7,367	65	2,697	4,605
10 to 11 "	6,843	55	2,463	4,325
11 to 12 "	7,042	78	2,531	4,433
Not Known	2,421	7	286	2,128
Total	198,372	1,234	67,292	129,846

	Total	Fatal	Personal Injury	Property Damage Only
Light Conditions				
Daylight	121,894	533	40,732	80,629
Dawn	2,528	15	810	1,703
Dusk	6,860	43	2,374	4,443
Darkness	67,090	643	23,376	43,071
Total	198,372	1,234	67,292	129,846

Road Surface Condition				
Dry	113,354	893	41,207	71,254
Wet	54,245	224	18,297	35,724
Loose Snow	7,995	27	1,889	6,079
Slush	5,621	20	1,465	4,136
Packed Snow	6,377	20	1,444	4,913
Ice	9,287	42	2,394	6,851
Mud	136	—	31	105
Loose Sand or Gravel	1,357	8	565	784
Total	198,372	1,234	67,292	129,846

Road Condition				
Good	193,635	1,206	65,725	126,704
Under Repair	985	2	326	657
Under Construction	1,783	17	594	1,172
Other	1,969	9	647	1,313
Total	198,372	1,234	67,292	129,846

Road Type				
Asphalt	185,306	1,144	62,621	121,541
Gravel or Crushed Stone	7,979	61	2,973	4,945
Concrete	4,117	22	1,386	2,709
Earth	630	3	202	425
Other	340	4	110	226
Total	198,372	1,234	67,292	129,846

Visibility				
Clear	151,541	1,034	52,428	98,079
Rain	28,388	99	9,701	18,588
Snow or Sleet	15,604	66	4,108	11,430
Fog, Mist, Smoke or Dust	2,839	35	1,055	1,749
Total	198,372	1,234	67,292	129,846

Place of Occurrence				
Urban Area	135,325	422	43,731	91,172
Kings Highway	35,565	523	13,252	21,790
(Incl. Sec. Hwy.)				
Other	27,482	289	10,309	16,884
Total	198,372	1,234	67,292	129,846

Road Location				
Non-Intersection	82,697	787	28,176	53,734
Intersection-Related	35,956	87	12,236	23,633
At Intersection	47,417	198	17,667	29,552
Intersection with				
Private Drive	29,000	117	8,012	20,871
At Railroad Crossing	711	20	263	428
Underpass or Tunnel	370	5	133	232
Overpass or Bridge	1,887	18	701	1,168
Other	334	2	104	228
Total	198,372	1,234	67,292	129,846

*Based on initial impact.

Summary of Motor Vehicle Traffic Accident Statistics

Number of Drivers and Pedestrians

Ontario 1981

	In All Accidents	In Fatal	In Personal Injury	In Property Damage Only
Sex of Driver				
Male	244,356	1,586	83,442	159,328
Female	78,572	270	28,102	50,200
Not Known	16,712	9	2,841	13,862
Total	339,640	1,865	114,385	223,390

Age of Driver				
Under 16	544	5	242	297
16-19 Years	46,192	238	16,082	29,872
20-24 "	62,200	419	21,874	39,907
25-34 "	85,474	514	29,641	55,319
35-44 "	52,244	271	18,055	33,918
45-54 "	37,131	177	12,670	24,284
55-64 "	24,712	137	8,236	16,339
65 & Over	14,198	94	4,663	9,441
Not Known	16,945	10	2,922	14,013
Total	339,640	1,865	114,385	223,390

Licence of Driver				
Licensed	305,135	1,648	104,974	198,513
Unlicensed	6,545	105	2,751	3,689
Not Known	27,960	112	6,660	21,188
Total	339,640	1,865	114,385	223,390

Residence of Driver				
Alberta	412	6	149	257
British Columbia	220	2	68	150
Manitoba	307	5	114	188
New Brunswick	137	2	47	88
Newfoundland	79	1	22	56
Nova Scotia	128	1	55	72
Ontario	315,769	1,791	109,131	204,847
Prince Edward Island	22	—	9	13
Quebec	2,370	23	665	1,682
Saskatchewan	89	2	24	63
Yukon and Northwest Territories	7	—	3	4
United States	2,789	19	1,038	1,732
Other Foreign	375	4	128	243
Not Known	16,936	9	2,932	13,995
Total	339,640	1,865	114,385	223,390

Condition of Driver				
Normal	281,293	1,039	93,482	186,772
Had Been Drinking	19,326	201	9,221	9,904
Ability Impaired Alcohol	10,313	396	4,583	5,334
Ability Impaired Drugs	241	1	113	127
Fatigue	1,259	9	588	662
Medical or Physical Defect	585	7	313	265
Not Known	26,255	210	5,954	20,091
Other	368	2	131	235
Total	339,640	1,865	114,385	223,390

Apparent Driver Action				
Driving Properly	145,220	725	51,057	93,438
Following Too Close	17,231	9	6,345	10,787
Speed Too Fast	28,336	353	11,608	16,375
Improper Turn	12,723	20	3,170	9,533
Disobey Traffic Signal	6,478	22	2,702	3,754
Disobey Stop Sign	4,437	49	1,964	2,424
Fail To Yield Right-Of-Way	37,267	167	10,685	26,415
Improper Passing	5,273	43	1,347	3,883
Lost Control	24,549	132	8,878	15,539
Wrong Way On One-Way Road	316	7	114	195
Disobey Other Controls	180	7	67	106
Not Known	30,455	181	7,217	23,057
Other	27,175	150	9,141	17,884
Total	339,640	1,865	114,385	223,390

	Killed	Injured
Condition of Pedestrian		
Normal	123	5,099
Had Been Drinking	21	426
Ability Impaired Alcohol	33	138
Ability Impaired Drugs	—	10
Fatigue	—	9
Medical or Physical Defect	7	92
Not Known	50	500
Other	3	70
Total	237	6,344

Pedestrian Action		
Crossing Intersection With Right of Way	15	1,115
Crossing Intersection Without Right of Way	8	448
Crossing Intersection, No Traffic Control	9	147
Crossing Pedestrian Crossover	4	214
Walking on Roadway With Traffic	29	182
Walking on Roadway Against Traffic	8	102
On Sidewalk or Shoulder	10	470
Coming From Behind Parked Vehicle or Object	11	424
Playing or Working on Highway	2	128
Running into Roadway	42	1,362
Crossing Through Traffic	54	873
Other	45	879
Total	237	6,344

Summary of Motor Vehicle Traffic Accident Statistics

Number of Victims

Ontario 1981

Type of Accident		Age of Persons Killed										Age of Persons Injured					
		0-4		5-14		15-19		20-24		25-34		35-44		45-54		55-64	
		Total	65 And Over	Not Stated	55-64	45-54	35-44	25-34	15-19	10-14	5-9	20-24	15-19	10-14	5-9	20-24	15-19
Single Motor Vehicle		480	3	9	109	140	102	51	26	24	16	25,099	288	874	7,044	5,946	1,457
Other Motor Veh's		654	16	18	79	134	137	65	64	71	70	64,759	1,302	3,209	9,621	11,601	14,750
Pedestrian		223	15	28	16	12	21	18	19	24	68	6,058	369	1,763	792	545	691
Cyclist		43	—	22	8	1	7	—	1	1	2	3,485	44	1,307	763	386	316
Motor Vehicle And Collision With		32	1	3	5	1	9	5	4	3	1	131	1	6	19	29	30
Railroad Train		1	—	—	—	—	1	—	—	—	—	141	3	2	6	15	42
Street Car		3	—	—	—	—	1	—	—	1	—	115	—	2	27	71	17
Farm Tractor		3	—	—	—	—	—	—	—	—	—	383	2	22	77	104	54
Animal		6	—	—	2	1	1	—	—	—	2	150	1	19	44	31	23
Other		1,445	35	80	221	290	277	140	114	124	161	100,321	2,010	7,208	18,386	18,651	21,378
Total		1,445	35	80	221	290	277	140	114	124	161	100,321	2,010	7,208	18,386	18,651	21,378

Victim		Age Group — Killed										Age Group — Injured					
		0-4		5-14		15-19		20-24		25-34		35-44		45-54		55-64	
		Total	65 And Over	Not Stated	55-64	45-54	35-44	25-34	15-19	10-14	5-9	20-24	15-19	10-14	5-9	20-24	15-19
Driver		657	—	82	149	162	89	66	59	50	—	50,574	2	40	7,232	9,997	13,639
Passenger		393	20	28	90	84	47	29	25	36	34	34,450	1,595	3,910	7,735	5,875	5,451
Pedestrian		237	15	29	16	13	24	19	20	27	72	6,344	370	1,812	828	566	767
Bicyclist		40	—	19	8	1	7	—	1	1	2	3,488	33	1,309	772	385	316
Motorcycle Driver		94	—	1	18	36	35	2	2	1	—	4,361	—	47	1,368	1,530	1,038
Motorcycle Passenger		13	—	1	6	5	1	—	—	—	—	887	2	46	395	258	138
Other		11	—	3	1	2	1	1	—	—	3	217	8	44	56	40	29
Total		1,445	35	80	221	290	277	140	114	124	161	100,321	2,010	7,208	18,386	18,651	21,378

Victim		Age Group and Sex — Killed										Age Group and Sex — Injured					
		0-4		5-14		15-19		20-24		25-34		35-44		45-54		55-64	
		Total	65 And Over	Not Stated	55-64	45-54	35-44	25-34	15-19	10-14	5-9	20-24	15-19	10-14	5-9	20-24	15-19
Male		1,055	21	47	177	232	218	105	78	88	87	59,243	1,098	4,098	11,570	12,104	12,857
Female		390	14	33	44	58	59	35	36	36	74	41,078	912	3,110	6,816	6,547	8,521
Total		1,445	35	80	221	290	277	140	114	124	161	100,321	2,010	7,208	18,386	18,651	21,378

Victims		By Month of Occurrence									
		Killed		Injured		Killed		Injured		Killed	
		Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Jan.		93	7,856	173	10,113	158	10,237	8,664	9,931	126	7,961
Feb.		86	6,963	158	10,237	127	8,931	109	8,297	109	8,297
Mar.		102	6,591	127	8,931	126	7,961	109	8,297	109	8,297
Apr.		88	6,663	120	8,931	126	7,961	109	8,297	109	8,297
May		137	8,986	126	7,961	109	8,297	109	8,297	109	8,297
June		126	9,059	109	8,297	109	8,297	109	8,297	109	8,297
Total		1,445	100,321	1,445	100,321	1,445	100,321	1,445	100,321	1,445	100,321

Victims		By Road Jurisdiction									
		Killed		Injured		Killed		Injured		Killed	
		Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Jan.		93	7,856	173	10,113	158	10,237	8,664	9,931	126	7,961
Feb.		86	6,963	158	10,237	127	8,931	109	8,297	109	8,297
Mar.		102	6,591	127	8,931	126	7,961	109	8,297	109	8,297
Apr.		88	6,663	120	8,931	126	7,961	109	8,297	109	8,297
May		137	8,986	126	7,961	109	8,297	109	8,297	109	8,297
June		126	9,059	109	8,297	109	8,297	109	8,297	109	8,297
Total		1,445	100,321	1,445	100,321	1,445	100,321	1,445	100,321	1,445	100,321

Victims		By Class and Sex									
		Killed		Injured		Killed		Injured		Killed	
		Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Jan.		93	7,856	173	10,113	158	10,237	8,664	9,931	126	7,961
Feb.		86	6,963	158	10,237	127	8,931	109	8,297	109	8,297
Mar.		102	6,591	127	8,931	126	7,961	109	8,297	109	8,297
Apr.		88	6,663	120	8,931	126	7,961	109	8,297	109	8,297
May		137	8,986	126	7,961	109	8,297	109	8,297	109	8,297
June		126	9,059	109	8,297	109	8,297	109	8,297	109	8,297
Total		1,445	100,321	1,445	100,321	1,445	100,321	1,445	100,321	1,445	100,321

Summary of Motor Vehicle Traffic Accident Statistics

Number of Vehicles

Ontario 1981

Type of Vehicle	In All Accidents	In Fatal	Personal Injury	Property Damage
Passenger Car	279,510	1,251	92,072	186,187
Passenger Car & Trailer ..	765	7	226	532
Truck	48,957	367	14,538	34,052
Truck & Trailer	784	17	193	574
Tractor & Semi-Trailer ..	5,975	126	1,711	4,138
Motorcycle	5,256	107	4,638	511
Bus	2,598	14	932	1,652
School Bus	955	4	290	661
Other—Or Not Known ..	14,354	8	2,526	11,820
Non Motor Vehicle	4,988	80	3,978	930
Total	364,142	1,981	121,104	241,057

Condition of Vehicle	In All Accidents	In Fatal	Personal Injury	Property Damage
No Apparent Defect	335,187	1,702	113,343	220,142
Service Brakes Defective ..	1,409	13	611	785
Steering Defective	358	1	159	198
Tire Puncture or				
Blow Out	1,114	3	445	666
Tire Tread Insufficient ..	849	39	376	434
Headlamps Defective	196	8	100	88
Other Lamps or				
Reflectors Defective ..	543	4	183	356
Engine Controls				
Defective	636	1	208	427
Wheels or Suspension				
Defective	341	2	112	227
Vision Obscured	258	1	79	178
Trailer Hitch Defective ..	149	2	19	128
Other Defects	2,112	20	679	1,413
Not Known	20,990	185	4,790	16,015
Total	364,142	1,981	121,104	241,057

Model Year of Vehicle	In All Accidents	In Fatal	Personal Injury	Property Damage
1982	856	1	266	589
1981	25,350	143	8,952	16,255
1980	38,243	228	12,833	25,182
1979	39,215	227	12,917	26,071
1978	37,794	207	12,554	25,033
1977	35,954	178	11,837	23,939
1976	34,840	197	11,610	23,033
1975 & Earlier	133,054	736	44,449	87,869
Not Known	18,836	64	5,686	13,086
Total	364,142	1,981	121,104	241,057

Vehicle Manoeuvre	In All Accidents	In Fatal	Personal Injury	Property Damage
Going ahead	201,778	1,631	74,666	125,481
Slowing/Stopping	22,570	29	8,203	14,338
Overtaking	6,619	60	2,039	4,520
Turning Left	37,996	84	11,842	26,070
Turning Right	11,648	17	2,820	8,811
Making "U" Turn	1,165	2	347	816
Changing Lanes	12,069	27	2,586	9,456
Merging	1,110	1	240	869
Reversing	8,939	11	946	7,982
Stopped or Parked	49,004	73	15,293	33,638
Pulling Away From				
Shoulder or Curb	2,403	1	450	1,952
Pulling Onto				
Shoulder or Into				
Curb	699	5	184	510
Not Known or Other	8,142	40	1,488	6,614
Total	364,142	1,981	121,104	241,057

Insurance	In All Accidents	In Fatal	Personal Injury	Property Damage
Insured	336,600	1,826	111,656	223,118
Not Insured	4,853	80	3,045	1,728
Not Known	22,689	75	6,403	16,211
Total	364,142	1,981	121,104	241,057

Amount of Property Damage

\$396,925,442.00



Ministry of
Transportation and
Communications

Transportation Regulation
Development Branch
Safety Co-ordination and
Development Office
West Building
1201 Wilson Avenue
Downsview, Ontario
M3M 1J8

ONTARIO MOTOR VEHICLE ACCIDENT FACTS

1982

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Motor Vehicle Accident Facts — 1982



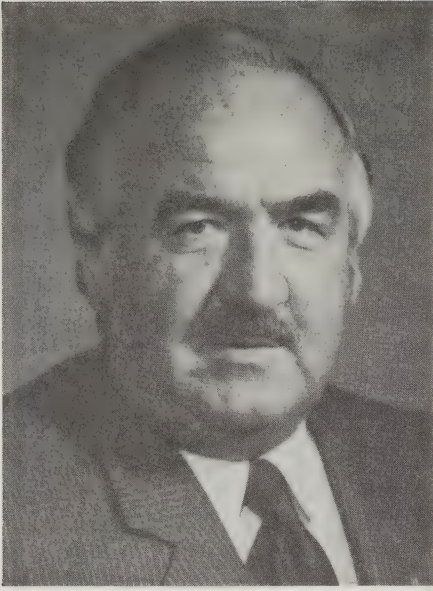
Ontario

Ministry of
Transportation and
Communications

Hon. James Snow, Minister
Harold Gilbert, Deputy Minister

Safety & Regulation
Transportation Regulation
Development Branch
Safety Co-ordination
& Development Office

Minister's Message



James Snow

This year I take particular pleasure in releasing Motor Vehicle Accident Facts for 1982. Primarily because road deaths have decreased from 1,445 in 1981 to 1,138 in 1982. A decrease of 307 deaths - or a 21.2 per cent decline.

Add to that a 7.5 per cent decrease in injuries in 1982. A total of 7,506 fewer people were injured in motor vehicle accidents on Ontario roads. That's a drop from over 100,000 injured persons in 1981 to less than 93,000 in 1982.

Looking at the overall 1982 picture the number of accidents decreased from 198,372 in 1981 to 187,943 in 1982. There were fewer accidents despite a 0.1 per cent increase in the number of motor vehicles registered and a 2.4 per cent increase in the number of licensed drivers in Ontario.

Yet aside from these promising figures, there's one area of road safety that still troubles me. In fact, it has become an alarming and critical concern. I'm referring to motorcycle accidents.

In 1982 the number of motorcycle passengers killed increased 69.2 per cent - a rise from 13 deaths in 1981 to 22 in 1982. The number of motorcycle drivers killed increased 9.6 per cent from 94 to 104.

The number of motorcycle drivers injured also increased 9.5 per cent from 4,303 to 4,711 and passengers injured increased 5.0 per cent.

But what I find most disturbing is that many of these accidents could have been avoided. In 1982 one-third of all motorcycle driver deaths involved unlicensed drivers. Of the 104 motorcycle drivers who died in accidents, 64 were under the age of 25. This is a senseless waste of young life. Another critical factor has been a marked increase in alcohol abuse by motorcyclists and neglect in wearing helmets.

Even more disturbing are facts which place the blame for 72 per cent of motorcycle accidents on the motorcyclist.

So overall, even though the motor vehicle accident statistics show a commendable drop in deaths and injuries, the need for safer motorcycling on Ontario roads is a major concern.

A handwritten signature in dark ink, appearing to read 'James Snow', with a long, sweeping flourish extending to the right.

James Snow
Minister of
Transportation and Communications

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Deaths and Injuries

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Trends in Motor Vehicle Accidents

Death and Injury Rates over the Period 1973-1982

Between 1973 and the end of 1982, Ontario's population and the number of licensed drivers, motor vehicle registrations and motor vehicle accidents (with the exception of the years 1976, 1978, 1980 and 1982) were all on the rise. During the past ten years, traffic deaths reached a high of 1,959 in 1973 and declined to a low of 1,138 in 1982 which is the lowest annual fatality total since the year 1958 when 1,112 persons were killed.

In the past year, the number of deaths decreased 21.2% from the 1,445 deaths in 1981 to 1,138 deaths in 1982. The population grew from 8.63 million to 8.70 million. The death rate per 100,000 population decreased to 13.1 from 16.8 last year. The death rate over the past ten years ranged from 24.7 to 13.1. The 1982 death rate of 13.1 is the lowest since the year 1944 at which time the population was 3.96 million and the death rate was 12.6 per 100,000 population.

There was a decrease of 7,506 persons injured, from 100,321 in 1981 to 92,815 this year. The 1982 injury rate per 100,000 population decreased to 1067.0 from 1163.1 in 1981.

Last year, the number of motor vehicle accidents reported totalled 187,943 a decrease of 5.2% against the 1981 total of 198,372. There were decreases of 19.2% in fatal accidents and 21.2% in persons killed. The personal injury accidents and persons injured decreased 6.4% and 7.5% respectively.

The motor vehicle accident rate per one million kilometres travelled this year remained the same as last year at 2.8 and the fatal accident rate per 100 million kilometres travelled decreased to 1.5. The death rate per 100 million kilometres travelled decreased from 2.0 in 1981 to 1.7 this year. The 1982 death rate of 1.7 is the lowest since 1955.

The number of kilometres driven in 1982 was estimated at 66,284,098,000 a decrease of 6.5% from the 1981 figure of 70,905,834,000.

Synopsis

During 1982, there were 187,943 reported motor vehicle accidents, a decrease of 5.2% from the total of 198,372 accidents reported in 1981. This year, there were decreases of 19.2% in fatal accidents and 21.2% in persons killed. Accidents involving personal injuries decreased 6.4% and persons injured decreased 7.5%. Property damage only accidents decreased 4.5%.

Drivers killed and injured (excluding motorcycle and moped drivers) decreased 25.9% and 10.2%. Passengers killed and injured decreased 24.7% and 8.3% respectively.

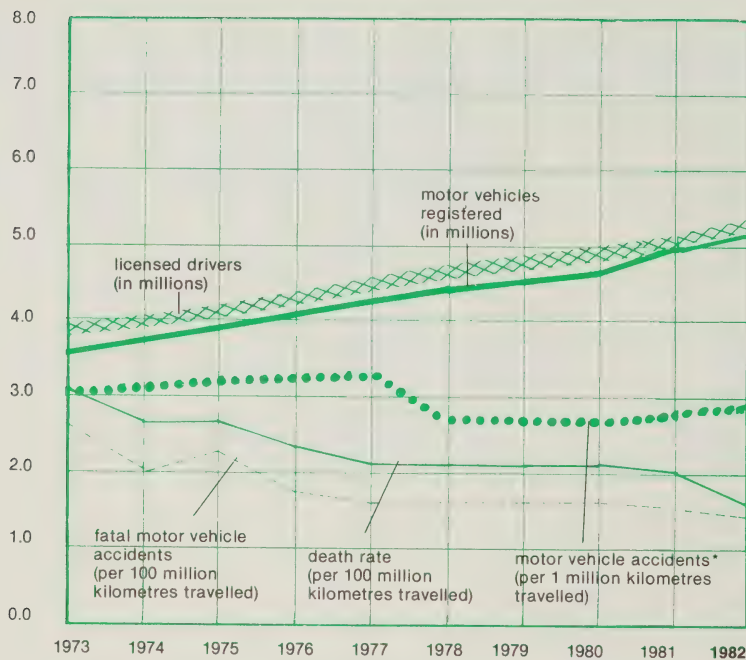
Motorcycle drivers killed and injured increased 10.6% and 9.5%. Motorcycle passengers killed and injured increased 69.2% and 5.0%. Bicyclists killed and injured increased 2.3% and 10.9% respectively.

COMPARATIVE STATISTICS 1981—1982			
	1981	1982	% of Change
Total Reportable Motor Vehicle Accidents	198,372	187,943	—5.2
Fatal Accidents	1,234	997	—19.2
Personal Injury Accidents	67,292	62,956	—6.4
Property Damage Only Accidents	129,846	123,990	—4.5
Persons Killed	1,445	1,138	—21.2
Persons Injured	100,321	92,815	—7.5
Vehicle Accident Rate per Million Kilometres Travelled*	2.8	2.8	—
Fatal Accident Rate per 100 Million Kilometres Travelled*	1.7	1.5	—11.8
Death Rate per 100 Million Kilometres Travelled*	2.0	1.7	—15.0
Motor Vehicles Registered	5,057,767	5,060,195	+ 0.1
Millions of Vehicle Kilometres Travelled	70,906**	66,284**	—6.5
Ontario Population	8,625,000*	8,699,000*	+ 0.9
Licensed Drivers	5,123,177	5,247,198	+ 2.4
Amount of Property Damage	\$396,925,442*	388,811,531*	— 2.0

*Estimated

**Kilometres travelled estimated on the basis of 22.08 kilometres per gallon of taxed gasoline and motor fuel.

Trends in Motor Vehicle Registrations, Licensed Drivers, Motor Vehicle Accident Rates, Death Rates, Fatal Accident Rates 1973 - 1982



*On January 1, 1978 the reporting criterion for property damage only accidents was raised from \$200 to \$400.

Deaths & Injuries



Class of Victims Killed — by Age — 1982

Percent
of Total



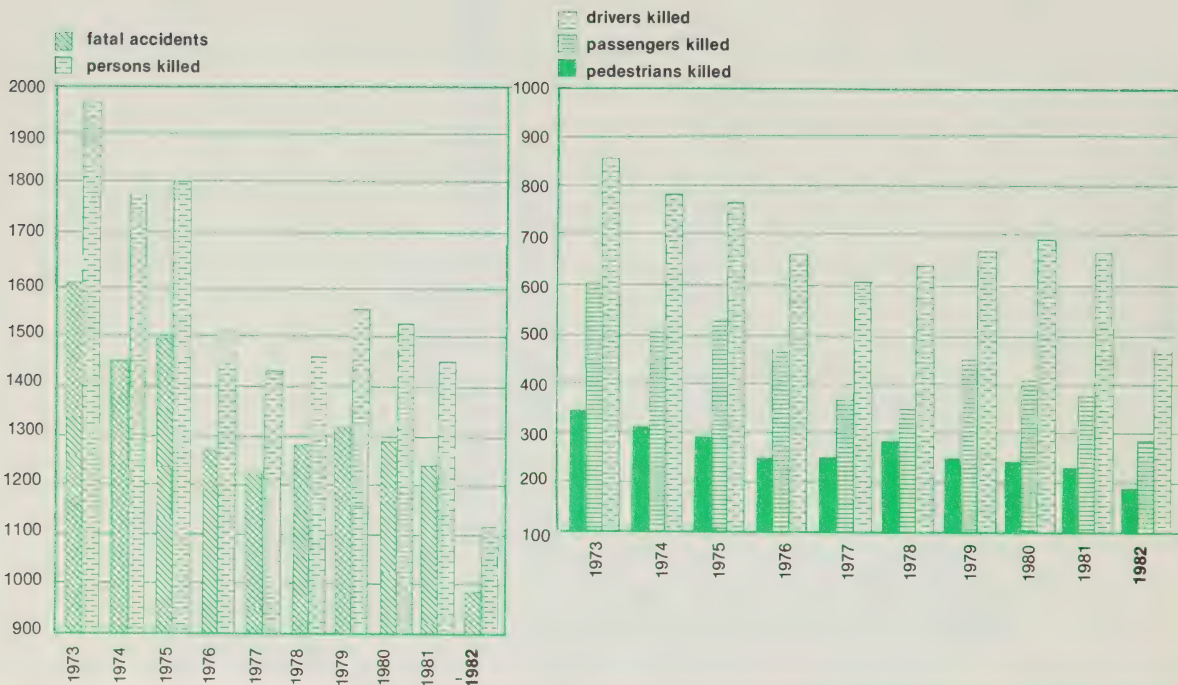
Victim	Total	Class of Victims Killed — By Age — 1982														
		0-4	5-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65-74	75 & Over	Not Stated
Driver	487	—	1	6	19	25	15	26	62	120	61	54	46	32	20	—
Passenger	296	10	26	18	13	20	22	11	36	36	21	26	19	23	14	1
Pedestrian	179	8	18	8	6	3	3	5	7	18	15	17	20	26	25	—
Bicyclist	41	—	17	1	1	—	1	—	5	5	1	1	1	2	3	3
Moped Driver	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Motorcycle Driver	104	—	3	1	7	10	9	12	26	31	2	2	1	—	—	—
Motorcycle Passenger	22	—	1	1	—	3	5	2	4	4	1	1	—	—	—	—
Other	8	—	3	—	1	—	—	1	—	1	1	—	—	1	—	—
Total	1,138	18	70	35	47	61	55	57	140	215	102	101	87	84	62	4

Class of Victims Injured — by Age — 1982



Victim	Total	Class of Victims Injured — By Age — 1982														
		0-4	5-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65-74	75 & Over	Not Stated
Driver	45,409	4	54	697	1,306	1,740	2,020	1,894	6,828	12,673	7,896	5,016	3,328	1,448	441	64
Passenger	31,588	1,324	4,447	1,120	1,446	1,556	1,523	1,379	4,126	5,214	2,914	2,364	1,882	1,225	588	480
Pedestrian	5,981	313	1,892	139	151	142	160	146	508	722	436	364	378	302	213	115
Bicyclist	3,869	28	1,605	181	160	177	146	126	389	367	124	47	46	17	10	446
Moped Driver	60	—	3	2	3	2	6	2	8	10	5	8	4	6	1	—
Motorcycle Driver	4,711	—	68	161	305	452	519	457	1,196	1,147	276	74	33	10	1	12
Motorcycle Passenger	930	—	76	71	80	123	107	71	224	132	26	4	3	2	—	11
Other	267	8	71	14	16	11	13	9	35	33	18	12	9	8	2	8
Total	92,815	1,677	8,216	2,385	3,467	4,203	4,494	4,084	13,314	20,298	11,695	7,889	5,683	3,018	1,256	1,136

Fatal Accidents and Persons Killed 1973 - 1982



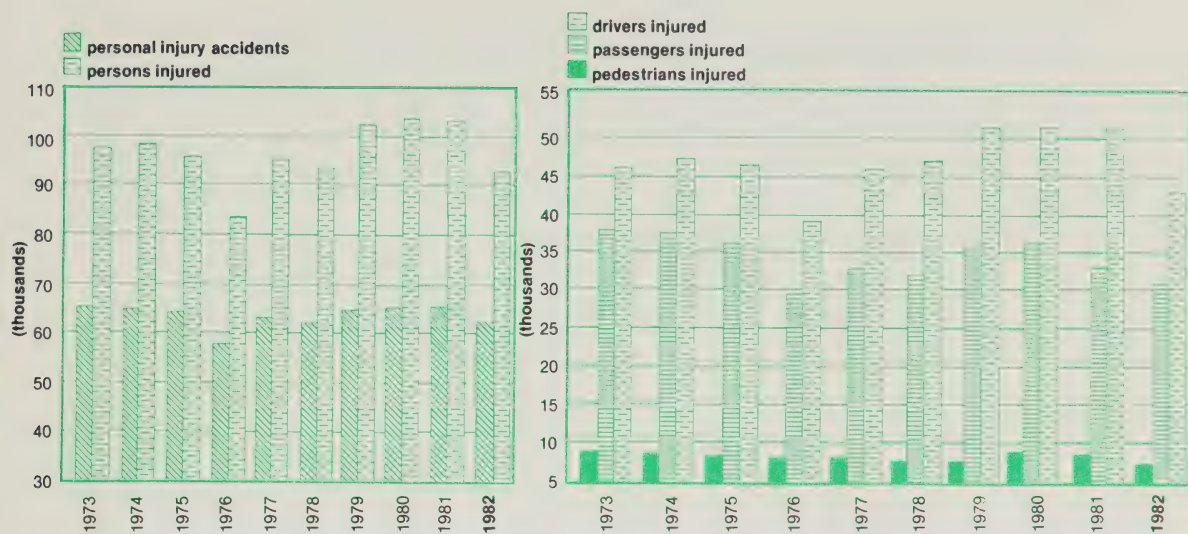
FATAL MOTOR VEHICLE ACCIDENT VICTIMS IN ONTARIO BY CLASS OF ROAD USER — ALL AGES

Year	Ontario Population (Est.)	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/ 100,000**	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000
1973	7,939,000	830	14.8	600	7.6	346	4.4	183	2.3	1,959	24.7
1974	8,094,000	778	13.4	513	6.3	305	3.8	152	1.9	1,748	21.6
1975	8,226,000	774	13.0	540	6.6	294	3.6	192	2.3	1,800	21.9
1976	8,265,000	648	10.8	461	5.6	251	3.0	151	1.8	1,511	18.3
1977	8,373,000	609	10.1	393	4.7	252	3.0	166	2.0	1,420	17.0
1978	8,444,000	623	9.9	383	4.5	284	3.4	160	1.9	1,450	17.2
1979	8,546,000	668	10.4	468	5.5	273	3.2	151	1.8	1,560	18.3
1980	8,570,000	682	10.5	413	4.8	266	3.1	147	1.7	1,508	17.6
1981	8,625,000	657	9.9	393	4.6	237	2.7	158	1.8	1,445	16.8
1982	8,699,000	487	7.2	296	3.4	179	2.1	176	2.0	1,138	13.1

*Excludes motorcycle passengers. (Motorcycle passengers included with "all others".)

**Rate per 100,000 population 16 years of age and over.

Personal Injury Accidents and Persons Injured 1973 - 1982



NON-FATAL MOTOR VEHICLE ACCIDENT VICTIMS IN ONTARIO BY CLASS OF ROAD USER — ALL AGES

Year	Ontario Population (Est.)	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/ 100,000**	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000
1973	7,939,000	46,414	826.8	37,093	467.2	7,603	95.8	6,680	84.1	97,790	1,231.8
1974	8,094,000	46,621	806.1	37,020	457.4	7,444	92.0	7,588	93.7	98,673	1,219.1
1975	8,226,000	45,847	772.7	35,658	433.5	7,299	88.7	8,230	100.0	97,034	1,179.6
1976	8,265,000	39,631	659.8	29,553	357.6	7,218	87.3	7,334	88.7	83,736	1,013.1
1977	8,373,000	45,620	756.7	34,854	416.3	6,998	83.6	8,192	97.8	95,664	1,142.5
1978	8,444,000	46,953	746.8	34,578	409.5	6,314	74.8	7,494	88.7	94,979	1,124.8
1979	8,546,000	50,618	787.5	36,332	425.1	6,436	75.3	7,935	92.9	101,321	1,185.6
1980	8,570,000	50,653	778.7	35,982	419.8	6,548	76.4	8,184	95.5	101,367	1,182.8
1981	8,625,000	50,574	765.8	34,450	399.4	6,344	73.6	8,953	103.8	100,321	1,163.1
1982	8,699,000	45,409	678.7	31,588	363.1	5,981	68.8	9,837	113.1	92,815	1,067.0

*Excludes motorcycle passengers. (Motorcycle passengers included with "all others".)

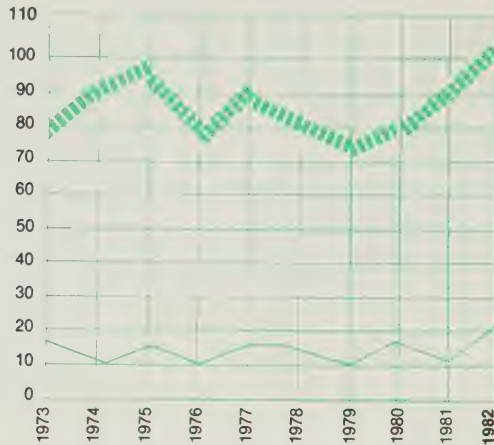
**Rate per 100,000 population 16 years of age and over.

Motorcycle Accident Statistics

During 1982, the number of motorcycle drivers killed and injured increased 10.6% and 9.5% respectively. Motorcycle passengers killed increased 69.2% and injuries increased 5.0%.

The motorcycle driver fatality rate per 100,000 drivers in 1982 remained the same as in 1981, namely 35.2. The motorcycle driver injury rate per 100,000 drivers decreased from 1,612.0 in 1981 to 1,592.4 this year.

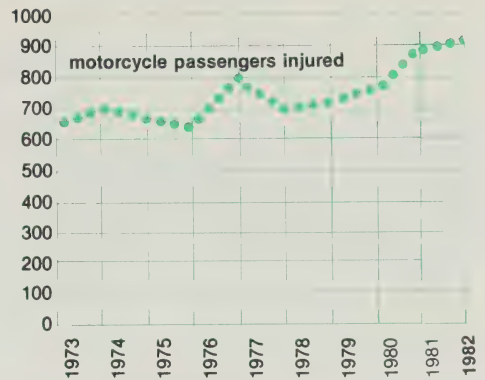
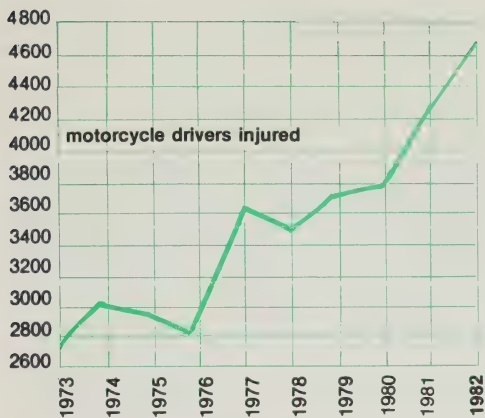
The number of licensed drivers authorized to operate motorcycles increased 10.8% from 266,924 in 1981 to 295,832. Motorcycle registrations were up 11.6% from 107,227 in 1981 to 119,641 this year.



Year	MOTORCYCLISTS KILLED AND INJURED*											
	Drivers						Passengers					
	Killed	%	+	-	Injured	%	+	-	Killed	%	+	-
1973	84	+ 27.3			2,623	+ 8.2			16	- 5.9		
1974	86	+ 2.4			3,260	+ 24.3			13	- 18.8		
1975	97	+ 12.8			3,181	- 2.4			16	+ 23.1		
1976	78	- 19.6			2,818	- 11.4			10	- 37.5		
1977	88	+ 12.8			3,594	+ 27.5			17	+ 70.0		
1978	80	- 9.1			3,453	- 3.9			17	-		
1979	75	- 6.2			3,667	+ 6.2			10	- 41.2		
1980	81	+ 8.0			3,696	+ 0.8			18	+ 80.0		
1981	94	+ 16.0			4,303	+ 16.4			13	- 27.8		
1982	104	+ 9.6			4,711	+ 9.5			22	+ 69.2		

*Excludes moped drivers and passengers.

Motorcyclists Injured 1973 - 1982



Motorcycle Registrations and Licensed Motorcyclists 1973 - 1982



Actions and Conditions of Pedestrians Killed and Injured 1981-1982

ACTIONS OF PEDESTRIANS KILLED AND INJURED 1981-82				
Action	1981		1982	
	Killed	Injured	Killed	Injured
Crossing Intersection With Right of Way	15	1,115	5	1,066
Crossing Intersection Without Right of Way	8	448	9	441
Crossing Intersection No Traffic Control	9	147	6	118
Crossing Pedestrian Crossover	4	214	3	194
Walking on Roadway With Traffic	29	182	16	228
Walking on Roadway Against Traffic	8	102	4	129
On Sidewalk or Shoulder	10	470	10	409
Coming from Behind Parked Vehicle or Object	11	424	4	425
Playing or Working on Highway	2	128	1	115
Running into Roadway	42	1,362	22	1,203
Crossing Through Traffic	54	873	53	813
Other	45	879	46	840
Total	237	6,344	179	5,981

CONDITION OF PEDESTRIANS KILLED AND INJURED 1981-1982				
Condition	1981		1982	
	Killed	Injured	Killed	Injured
Normal	123	5,099	89	4,831
Had Been Drinking	21	426	18	409
Ability Impaired by Alcohol	33	138	38	148
Ability Impaired by Drugs	—	10	—	7
Fatigue	—	9	1	3
Medical or Physical Defect	7	92	2	83
Not Known	50	500	29	426
Other	3	70	2	74
Total	237	6,344	179	5,981

Selected Characteristics



Selected Characteristics of Motor Vehicle Accidents

The following tables present motor vehicle accident information in relation to selected driver, vehicle, and road characteristics. Listings of accidents by various geographic areas of the province are included.

CONDITION OF DRIVER								
Condition	All Accidents				Fatal Accidents			
	1981	%	1982	%	1981	%	1982	%
Apparently Normal	281,293	82.8	266,356	83.1	1,039	55.7	857	56.7
Ability Impaired by Alcohol	10,313	3.0	9,082	2.8	396	21.2	293	19.4
Had Been Drinking	19,326	5.7	17,358	5.4	201	10.8	198	13.1
Other	2,453	0.7	2,190	0.7	19	1.0	9	0.6
Not Known	26,255	7.7	25,487	7.9	210	11.3	155	10.2
Total	339,640	100.0	320,473	100.0	1,865	100.0	1,512	100.0

RECORDED OCCURRENCE OF ALCOHOL IN DRIVERS KILLED				
Recorded Occurrence	Number of Drivers*			
	1981	%	1982	%
Apparently Normal	265	41.3	237	44.1
Ability Impaired By Alcohol	309	48.2	238	44.2
Had Been Drinking	67	10.5	63	11.7
Total	641	100.0	538	100.0

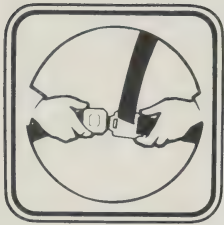
*Excludes cases where alcohol usage was not provided.

Driver Condition by Age and Apparent Driver Action in all Motor Vehicle Accidents 1981-1982

DRIVER CONDITION BY AGE IN ALL MOTOR VEHICLE ACCIDENTS												
Driver's Age	Normal		Ability Impaired — Alcohol		Had Been Drinking		Other		Not Known		Total	
	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982
Under 16	413	257	8	8	39	26	13	17	71	43	544	351
16	5,689	4,335	97	62	294	235	43	25	239	159	6,362	4,816
17	9,690	7,786	228	209	763	598	84	79	413	326	11,178	8,998
18	11,908	10,042	414	327	1,126	955	144	96	488	383	14,080	11,803
19	11,809	10,507	570	451	1,563	1,280	149	119	481	465	14,572	12,822
20	11,651	10,296	533	466	1,528	1,180	118	108	499	454	14,329	12,504
21 - 24	39,900	37,879	1,813	1,686	4,247	3,920	357	373	1,554	1,494	47,871	45,352
25 - 34	74,131	70,798	2,961	2,641	5,294	4,990	568	497	2,520	2,512	85,474	81,438
35 - 44	46,635	47,055	1,694	1,572	2,229	2,139	284	278	1,402	1,385	52,244	52,429
45 - 54	33,596	32,045	1,163	982	1,251	1,139	220	178	901	856	37,131	35,200
55 - 64	22,590	22,161	623	514	728	617	195	185	576	550	24,712	24,027
65 - 74	10,137	9,894	181	135	219	235	156	140	256	262	10,949	10,666
75 & Over	3,009	3,176	14	21	25	32	112	94	89	80	3,249	3,403
Not Known	135	125	14	8	20	12	10	1	16,766	16,518	16,945	16,664
Total	281,293	266,356	10,313	9,082	19,326	17,358	2,453	2,190	26,255	25,487	339,640	320,473

APPARENT DRIVER ACTION IN ALL MOTOR VEHICLE ACCIDENTS 1981-1982				
Action	1981	% of Total	1982	% of Total
Driving Properly	145,220	42.8	136,635	42.6
Following Too Close	17,231	5.1	15,510	4.8
Speed Too Fast	28,336	8.3	26,830	8.4
Improper Turn	12,723	3.7	11,910	3.7
Disobey Traffic Signal	6,478	1.9	6,092	1.9
Disobey Stop Sign	4,437	1.3	4,161	1.3
Fail to Yield Right of Way	37,267	11.0	35,266	11.0
Improper Passing	5,273	1.6	5,065	1.6
Lost Control	24,549	7.2	23,765	7.4
Wrong Way On One-Way Road	316	0.1	332	0.1
Disobey Other Control	180	0.1	186	0.1
Other*	27,175	8.0	24,882	7.8
Not Known	30,455	9.0	29,839	9.3
Total	339,640	100.0	320,473	100.0

*Includes actions defined as Careless Driving, Inattentive Driving, Fell Asleep, Hit and Run, On Wrong Side of Road, Improper Parking, Impaired, Illegally Parked, Dangerous Driving, Inexperience, etc.



Driver Seat Belt Usage by Nature of Injury 1981-1982

DRIVER SEAT BELT USAGE BY NATURE OF INJURY — 1982*												
Nature of Injury	Installed — Not In Use		Installed — Not In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1982	%	1982	%	1982	%	1982	%	1982	%	1982	%
Killed	259	0.94	106	0.04	98	1.0	12	0.3	12	0.1	487	0.2
Injured	8,042	29.3	34,466	13.6	1,987	20.6	554	14.7	360	1.8	45,409	14.4
Not Injured	19,136	69.7	219,284	86.3	7,581	78.4	3,209	85.0	19,648	98.1	268,858	85.4
Total	27,437	100.0	253,856	100.0	9,666	100.0	3,775	100.0	20,020	100.0	314,754	100.0

DRIVER SEAT BELT USAGE BY NATURE OF INJURY — 1981*												
Nature of Injury	Installed — Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1981	%	1981	%	1981	%	1981	%	1981	%	1981	%
Killed	362	1.16	144	0.05	119	1.2	16	0.3	16	0.1	657	0.2
Injured	9,162	29.4	38,073	14.2	2,249	22.8	668	14.1	422	2.0	50,574	15.1
Not Injured	21,679	69.5	229,832	85.7	7,517	76.0	4,058	85.6	20,207	97.9	283,293	84.7
Total	31,203	100.0	268,049	100.0	9,885	100.0	4,742	100.0	20,645	100.0	334,524	100.0

*Excludes Motorcycle and Moped Drivers

Note: Mandatory usage of seat belts came into effect on January 1, 1976.

In 1982, 80.7% of the drivers involved in motor vehicle accidents were using their seat belts and 8.7% were not using them as compared to 80.1% of the drivers in 1981 who were using their seat belts and 9.3% were not.

During 1982, there were 25.9% fewer driver fatalities and drivers injured decreased 10.2%. Out of the 27,437 drivers involved who had seat belts installed but were not using them, 0.94% (259) were killed, 29.3% (8,042) were injured and 69.7% (19,136) were not injured. In comparison, 0.04% (106) of the drivers who were using their seat belts were killed, 13.6% (34,466) were injured and 86.3% (219,284) were not injured.

Driver Severity of Injury by Seat Belt Usage 1981-1982

DRIVER — SEVERITY OF INJURY BY SEAT BELT USAGE — 1982*								
Severity of Injury	Installed — In-Use		Installed Not In Use & Not Installed		Usage Not Known		Total	
	1982	%	1982	%	1982	%	1982	%
None	219,284	86.4	22,345	71.6	27,229	91.7	268,858	85.4
Minimal	21,624	8.5	3,946	12.6	926	3.1	26,496	8.4
Minor	11,253	4.4	3,392	10.9	927	3.1	15,572	4.9
Major	1,589	0.6	1,258	4.0	494	1.7	3,341	1.1
Fatal	106	0.04	271	0.86	110	0.4	487	0.2
Total	253,856	100.0	31,212	100.0	29,686	100.0	314,754	100.0

DRIVER — SEVERITY OF INJURY BY SEAT BELT USAGE — 1981*								
Severity of Injury	Installed — In-Use		Installed Not In Use & Not Installed		Usage Not Known		Total	
	1981	%	1981	%	1981	%	1981	%
None	229,832	85.7	25,737	71.6	27,724	90.8	283,293	84.7
Minimal	23,825	8.9	4,468	12.4	981	3.2	29,274	8.8
Minor	12,436	4.6	4,002	11.1	1,089	3.6	17,527	5.2
Major	1,812	0.7	1,360	3.8	601	2.0	3,773	1.1
Fatal	144	0.05	378	1.05	135	0.4	657	0.2
Total	268,049	100.0	35,945	100.0	30,530	100.0	334,524	100.0

*Excludes Motorcycle & Moped Drivers

Definitions of injuries:

Minimal — Persons did not go to a hospital when leaving the scene of the accident. This includes minor abrasions and bruises, complaint of pain, etc, providing the person chose not to go to a hospital.

Minor — Persons with injuries or complaint of pain that went to a hospital but were treated in the emergency room and released (not admitted to a hospital).

Major — Persons with injuries or complaint of pain that went to a hospital and were subsequently admitted. This includes admitted for observation only.

Passenger Seat Belt Usage by Nature of Injury 1981-1982

PASSENGER SEAT BELT USAGE BY NATURE OF INJURY — 1982*												
Nature of Injury	Installed — Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1982	%	1982	%	1982	%	1982	%	1982	%	1982	%
Killed	137	0.62	66	0.05	51	0.7	30	0.3	12	0.2	296	0.2
Injured	7,458	33.8	19,998	15.7	1,356	18.5	2,541	27.1	235	3.6	31,588	18.2
Not Injured	14,457	65.5	107,605	84.2	5,923	80.8	6,813	72.6	6,320	96.2	141,118	81.6
Total	22,052	100.0	127,669	100.0	7,330	100.0	9,384	100.0	6,567	100.0	173,002	100.0

PASSENGER SEAT BELT USAGE BY NATURE OF INJURY — 1981*												
Nature of Injury	Installed — Not in Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1981	%	1981	%	1981	%	1981	%	1981	%	1981	%
Killed	223	0.89	55	0.04	65	0.8	29	0.3	21	0.3	393	0.2
Injured	8,440	33.5	21,272	15.9	1,483	19.0	2,926	27.2	329	5.3	34,450	18.8
Not Injured	16,479	65.5	112,230	84.0	6,240	80.1	7,804	72.5	5,888	94.4	148,641	81.0
Total	25,142	100.0	133,557	100.0	7,788	100.0	10,759	100.0	6,238	100.0	183,484	100.0

* Excludes motorcycle and non-injured bus passengers.

Note: Mandatory usage of seat belts came into effect on January 1, 1976.

In 1982, 73.8% of the passengers involved in motor vehicle accidents were using their seat belts and 12.7% were not as compared to 72.8% of the passengers in 1981 who were using their seat belts and 13.7% were not.

This year, there was a 24.7% decrease in passenger fatalities and an 8.3% decrease in passengers injured. Out of the 22,052 passengers involved who had seat belts installed but were not using them, 0.62% (137) were killed, 33.8% (7,458) were injured and 65.5% (14,457) were not injured. In comparison, 0.05% (66) of the 127,669 passengers who were using their seat belts were killed, 15.7% (19,998) were injured and 84.2% (107,605) were not injured.

CHILD RESTRAINT SYSTEMS

During 1981, there were 2,655 children involved in motor vehicle accidents who had child restraint systems available. The in-use data shows that 1 child was killed, 204 injured and 2,386 not injured. The remaining 2 children killed, 14 injured and 48 not injured were not using restraint systems or usage was unknown.

This year, 3,341 children were involved in motor vehicle accidents that had child restraint systems available. The in-use data shows that 1 child was killed, 246 were injured and 3,017 were not injured. The remaining 1 child killed, 18 injured and 58 not injured were not using restraint systems or usage was unknown.

SEVERITY OF INJURY BY CLASS OF PERSONS INVOLVED — 1981-1982

Class of Victim	Severity of Injury — 1982					
	None	Minimal	Minor	Major	Fatal	Total
Driver	268,858	26,496	15,572	3,341	487	314,754
Passenger	186,038*	17,459	11,634	2,495	296	217,922
Pedestrian	165	1,968	2,931	1,082	179	6,325
Bicyclist	128	1,916	1,648	305	41	4,038
Moped Driver	11	21	28	11	1	72
Motorcycle Driver	808	1,699	2,102	910	104	5,623
Motorcycle Passenger	221	336	431	163	22	1,173
Other	12,749	113	117	37	8	13,024
Total	468,978	50,008	34,463	8,344	1,138	562,931

Class of Victim	Severity of Injury — 1981					
	None	Minimal	Minor	Major	Fatal	Total
Driver	283,293	29,274	17,527	3,773	657	334,524
Passenger	194,202*	18,900	12,900	2,650	393	229,045
Pedestrian	178	2,053	3,010	1,281	237	6,759
Bicyclist	123	1,679	1,480	329	40	3,651
Moped Driver	4	32	22	5	—	63
Motorcycle Driver	725	1,487	1,940	876	94	5,122
Motorcycle Passenger	188	318	395	173	13	1,087
Other	13,071	98	71	48	11	13,299
Total	491,784	53,841	37,345	9,135	1,445	593,550

* Includes Bus Passengers

Note: Refer to page 17 for definition of injuries.

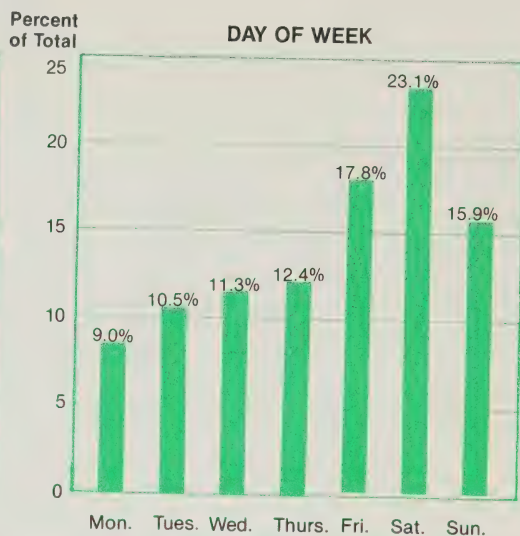
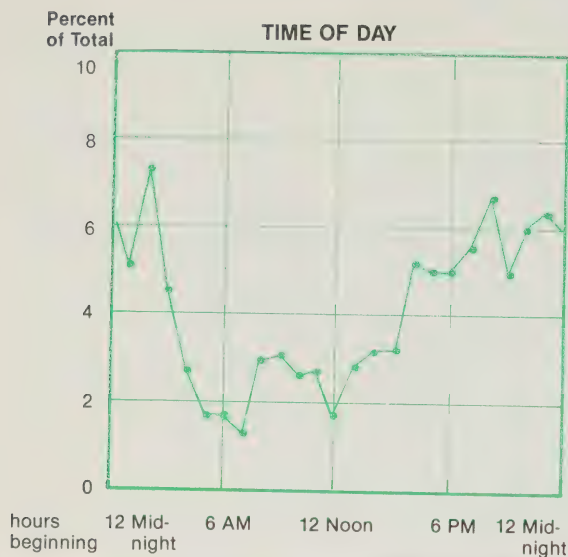
During 1982, 562,931 persons were involved in reportable motor vehicle accidents. 0.2% (1138) were killed, 16.5% (92,815) were injured and 83.3% (468,978) were not injured. Out of the 92,815 persons injured, 53.9% (50,008) suffered minimal injuries, 37.1% (34,463) minor injuries and 9.0% (8,344) major injuries.

Licensed Drivers as Compared with Drivers Involved in Motor Vehicle Accidents — by Age 1981-1982

Drivers' Age	DRIVERS						% of Drivers of Each Age Involved in Accidents 1982		
	Licensed — 1982			Involved in Accidents — 1982			Male	Female	Total
	Male	Female	Total	Male	Female	Total			
Under 16	—	—	—	303	48	351	—	—	—
16	21,545	11,608	33,153	3,694	1,121	4,815	17.1	9.6	14.5
17	48,726	32,165	80,891	6,842	2,156	8,998	14.0	6.7	11.1
18	63,326	44,015	107,341	9,205	2,598	11,803	14.5	5.9	11.0
19	70,041	50,710	120,751	10,171	2,650	12,821	14.5	5.2	10.6
20	73,262	54,876	128,138	9,812	2,692	12,504	13.4	4.9	9.8
21 - 24	300,373	241,607	541,980	34,791	10,561	45,352	11.6	4.4	8.4
25 - 34	711,582	617,392	1,328,974	59,958	21,479	81,437	8.4	3.5	6.1
35 - 44	579,418	472,004	1,051,422	37,550	14,879	52,429	6.5	3.2	5.0
45 - 54	457,446	321,789	779,235	26,605	8,594	35,199	5.8	2.7	4.5
55 - 64	375,473	252,658	628,131	18,398	5,629	24,027	4.9	2.2	3.8
65 - 74	216,667	128,045	344,712	8,241	2,425	10,666	3.8	1.9	3.1
75 & Over	72,057	30,413	102,470	2,714	689	3,403	3.8	2.3	3.3
Unknown	—	—	—	—	—	16,668	—	—	—
Total	2,989,916	2,257,282	5,247,198	228,284	75,521	320,473	7.6	3.3	6.1

Drivers' Age	DRIVERS						% of Drivers of Each Age Involved in Accidents 1981		
	Licensed — 1981			Involved in Accidents — 1981			Male	Female	Total
	Male	Female	Total	Male	Female	Total			
Under 16	—	—	—	454	90	544	—	—	—
16	23,408	11,989	35,397	5,000	1,362	6,362	21.4	11.4	18.0
17	53,981	34,687	88,668	8,747	2,431	11,178	16.2	7.0	12.6
18	64,931	44,829	109,760	11,142	2,938	14,080	17.2	6.6	12.8
19	69,945	50,722	120,667	11,621	2,951	14,572	16.6	5.8	12.1
20	72,677	54,643	127,320	11,220	3,109	14,329	15.4	5.7	11.3
21 - 24	295,017	236,807	531,824	37,118	10,753	47,871	12.6	4.5	9.0
25 - 34	707,424	606,168	1,313,592	62,979	22,495	85,474	8.9	3.7	6.5
35 - 44	551,445	439,361	990,806	37,749	14,495	52,244	6.8	3.3	5.3
45 - 54	456,651	315,280	771,931	28,186	8,945	37,131	6.2	2.8	4.8
55 - 64	363,359	241,533	604,892	18,939	5,773	24,712	5.2	2.4	4.1
65 - 74	211,492	120,665	332,157	8,426	2,523	10,949	4.0	2.1	3.3
75 & Over	68,706	27,457	96,163	2,604	645	3,249	3.8	2.3	3.4
Unknown	—	—	—	—	—	16,945	—	—	—
Total	2,939,036	2,184,141	5,123,177	244,185	78,510	339,640	8.3	3.6	6.6

Persons Killed by Time of Day and Week 1982



PERSONS KILLED BY TIME OF DAY AND DAY OF WEEK									
Time	Total	%	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Sun.
12 - 01 A.M.	57	5.0	4	6	5	7	6	17	12
01 - 02 "	84	7.4	—	3	5	7	15	31	23
02 - 03 "	52	4.6	2	2	1	—	7	24	16
03 - 04 "	31	2.7	—	3	1	3	5	12	7
04 - 05 "	19	1.7	1	—	1	2	4	3	8
05 - 06 "	19	1.7	1	2	—	1	2	8	5
06 - 07 "	15	1.3	1	3	2	2	4	—	3
07 - 08 "	34	3.0	4	5	5	8	1	7	4
08 - 09 "	35	3.1	2	8	5	8	7	4	1
09 - 10 "	30	2.6	5	5	3	3	3	6	5
10 - 11 "	31	2.7	8	2	3	4	2	8	4
11 - 12 "	20	1.8	6	2	2	1	3	2	4
12 - 01 PM	32	2.8	5	1	2	5	8	6	5
01 - 02 "	36	3.2	4	2	7	8	6	5	4
02 - 03 "	36	3.2	3	8	5	8	6	4	2
03 - 04	63	5.5	9	8	11	5	11	12	7
04 - 05	59	5.2	8	9	9	5	13	11	4
05 - 06 "	59	5.2	8	6	11	7	7	9	11
06 - 07 "	65	5.7	1	8	5	14	9	15	13
07 - 08 "	79	6.9	9	6	10	6	19	16	13
08 - 09 "	58	5.1	4	9	4	11	11	14	5
09 - 10 "	69	6.1	7	10	3	6	16	18	9
10 - 11 "	74	6.5	6	7	14	14	13	11	9
11 - 12 "	69	6.1	3	2	13	5	24	17	5
Unknown	12	1.0	1	2	2	1	1	3	2
Total	1,138	100.0	102	119	129	141	203	263	181

Motor Vehicle Deaths by Month of Occurrence 1973 - 1982

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
January	130	94	139	71	74	61	113	108	93	68
February	84	89	85	76	74	73	75	98	86	37
March	122	118	114	86	89	64	97	92	102	72
April	116	101	77	96	82	92	108	86	88	68
May	147	150	136	129	121	111	110	135	137	96
June	183	150	148	147	150	146	155	143	126	102
July	211	191	200	166	165	176	137	182	173	137
August	256	214	203	191	162	164	187	164	158	132
September	207	173	189	144	121	159	153	171	127	114
October	196	170	181	126	141	156	140	112	120	123
November	153	175	169	126	124	132	126	123	126	100
December	154	123	159	153	117	116	159	94	109	89
Total	1,959	1,748	1,800	1,511	1,420	1,450	1,560	1,508	1,445	1,138

Motor Vehicle Injuries by Month of Occurrence 1973 - 1982

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
January	6,073	7,088	6,489	6,152	8,629	7,774	7,790	6,098	7,856	7,742
February	6,426	5,909	6,923	5,228	5,886	5,730	6,967	6,756	6,963	6,406
March	6,784	7,047	6,546	5,204	5,856	6,047	6,469	6,804	6,591	6,422
April	7,181	6,487	5,922	5,608	6,653	5,956	6,903	6,918	6,663	6,338
May	8,543	8,302	8,480	6,702	7,885	7,745	8,011	8,323	8,986	7,480
June	9,267	9,553	9,628	7,824	8,416	8,589	9,138	9,309	9,059	8,600
July	9,141	9,761	9,006	8,439	9,478	9,376	9,455	9,674	10,113	9,214
August	9,222	9,750	9,898	8,187	9,020	9,114	9,501	9,932	10,237	8,875
September	9,018	8,709	8,562	7,683	8,997	9,168	9,067	9,385	8,664	8,112
October	9,418	8,458	8,231	7,750	8,342	8,407	9,500	9,555	8,931	7,914
November	7,976	8,821	8,651	6,651	8,616	8,410	9,210	9,205	7,961	8,063
December	8,741	8,788	8,698	8,308	7,886	8,663	9,310	9,408	8,297	7,649
Total	97,790	98,673	97,034	83,736	95,664	94,979	101,321	101,367	100,321	92,815

Fatal Motor Vehicle Accidents and Fatalities/ Injuries on Long Weekends

LONG WEEKEND FATAL MOTOR VEHICLE ACCIDENTS — 1982									
(From Friday 6 p.m. to Monday Midnight)									
Weekend	No. of Fatal Accidents	Drivers		Passengers		Other Victims*		Total	
		Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Victoria Day	13	4	4	8	3	6	2	18	9
Dominion Day**	—	—	—	—	—	—	—	—	—
Civic Day	24	11	11	5	23	9	1	25	35
Labour Day	9	4	6	2	10	3	3	9	19
Thanksgiving Day	15	4	7	6	11	7	—	17	18

LONG WEEKEND FATAL MOTOR VEHICLE ACCIDENTS — 1981									
(From Friday 6 p.m. to Monday Midnight)									
Weekend	No. of Fatal Accidents	Drivers		Passengers		Other Victims*		Total	
		Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Victoria Day	14	8	9	5	6	5	—	18	15
Dominion Day***	—	—	—	—	—	—	—	—	—
Civic Day	19	10	3	5	8	8	—	23	11
Labour Day	19	9	9	5	13	7	2	21	24
Thanksgiving Day	20	9	6	5	11	8	2	22	19

*Includes Motorcycle, Moped Drivers and Passengers; Pedestrians; Bicyclists

**Dominion Day was on Thursday

***Dominion Day was on Wednesday

MOTOR VEHICLE ACCIDENTS INVOLVING SCHOOL VEHICLES — SCHOOL YEARS 1972-73 — 1981-82

School Year	Pupils Transported Daily	Total Number of Accidents (1)	PUPIL FATALITIES/PERSONAL INJURIES								Injury Rate Per 100,000 Pupils	
			Crossing Road (2)		Within School Vehicle		Other		Total		Fatal	Non Fatal
			F.	P.I.	F.	P.I.	F.	P.I.	F.	P.I.		
1972-73	558,549	542	—	9	—	233*	3†	18	3	260	0.6	47
1973-74	592,026	575	1	6	—	364**	—	17	1	387	0.2	65
1974-75	578,817	622	4	19	2	205	—	28	6	252	1.1	45
1975-76	594,410	727	2	14	2	155	1	24	5	193	0.8	32
1976-77	600,082	793	—	10	—	247††	1	10	1	267	0.2	44
1977-78	601,583	866	1	19	—	259†††	2	18	3	296	0.5	49
1978-79	599,776	838	—	12	1	285‡	1	28	2	325	0.3	54
1979-80	601,813	765	—	12	1	250	3	48	4	310	0.7	52
1980-81	598,096	847	1	20	—	191	—	18	1	229	0.2	38
1981-82	597,331	861	1	15	—	238††	—	14	1	267	0.2	45

MOTOR VEHICLE ACCIDENTS INVOLVING SCHOOL VEHICLES—SCHOOL YEARS 1980-81 — 1981-82

Type of School Vehicle	Nature of Accident				Total Number of Accidents (1)	PUPIL FATALITIES/PERSONAL INJURIES						Total	
						Crossing Road (2)		Within School Vehicle		Other			
	Fatal	Pupil Injury	Non Pupil Injury	Property Damage		Fatal-ities	Personal Injuries	Fatal-ities	Personal Injuries	Fatal-ities	Personal Injuries	Fatal-ities	Personal Injuries
1981-82 School Bus	7	71	145	572	795	1	15	—	218	—	12	1	245
Van	—	8	15	40	63	—	—	—	19	—	2	—	21
Station Wagon	—	1	—	2	3	—	—	—	1	—	—	—	1
Other Buses	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	7	80	160	614	861	1	15	—	238	—	14	1	267
1980-81 School Bus	3	91	131	502	727	1	19	—	164	—	13	1	196
Van	—	18	25	65	108	—	1	—	27	—	5	—	33
Station Wagon	—	—	1	2	3	—	—	—	—	—	—	—	—
Other Buses	—	—	2	7	9	—	—	—	—	—	—	—	—
Total	3	109	159	576	847	1	20	—	191	—	18	1	229

(1) Accidents involving a school vehicle directly or indirectly while transporting pupils to or from school.

(2) Pupil struck by approaching vehicle (excluding school vehicle) while waiting to board school vehicle, crossing road to board or after leaving school vehicle.

* Includes 3 separate accidents resulting in a total of 56 pupil injuries (27, 17, 12).

** Includes 6 separate accidents resulting in a total of 195 pupil injuries (46, 39, 35, 32, 25, 18).

† Includes one school age pedestrian who ran across a street into the path of an oncoming bus; two pupils, after being discharged were fatally injured by school buses while attempting to cross the streets in front of the buses.

†† Includes 7 separate accidents resulting in a total of 124 pupil injuries (48, 19, 13, 13, 11, 10, 10).

‡ Includes 6 separate accidents resulting in a total of 110 pupil injuries (30, 22, 19, 16, 13, 10).

‡‡ Includes 5 separate accidents resulting in a total of 105 pupil injuries (42, 20, 19, 13, 11).

‡‡‡ Includes 7 separate accidents resulting in a total of 156 pupil injuries (36, 35, 25, 18, 16, 14, 12).

Motor Vehicle Accidents by Type (Based on Initial Impact) 1973 — 1982

FATAL ACCIDENTS INVOLVING										
Year	Single Motor Vehicle	Motor Vehicle And								
		Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor	Animal	Other†	Total
1973	488	676	321	69	42	1	8	3	17	1,625
1974	457	630	288	45	34	—	3	4	9	1,470
1975	480	651	273	64*	22	2	6	7	15	1,520
1976	376	567	228	46	28	2	2	1	15	1,265
1977	379	512	235	47	22	—	6	2	10	1,213
1978	378	526	263	49	28	—	6	2	11	1,263
1979	415	563	252	45	21	1	8	1	10	1,316
1980	463	521	247	30	17	—	5	4	9	1,296
1981	414	524	220	43	21	1	3	3	5	1,234
1982	359	402	162	42	17	1	3	—	11	997

PERSONAL INJURY ACCIDENTS INVOLVING										
Year	Single Motor Vehicle	Motor Vehicle And								
		Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor	Animal	Other†	Total
1973	16,733	37,564	6,827	3,329	131	89	90	237	335	65,335
1974	17,515	37,831	6,680	3,446	137	118	83	253	289	66,352
1975	17,274	36,914	6,570	4,218*	125	131	101	265	213	65,811
1976	14,700	32,682	6,502	3,432	116	84	76	192	244	58,028
1977	16,155	37,530	6,243	3,182	98	108	82	211	178	63,787
1978	16,093	37,406	5,614	2,881	94	82	85	229	180	62,664
1979	18,063	39,613	5,726	3,128	106	111	96	186	172	67,201
1980	18,382	39,296	5,822	3,284	93	89	82	230	113	67,391
1981	17,920	39,693	5,681	3,351	95	95	68	275	114	67,292
1982	16,447	36,767	5,430	3,730	78	95	70	267	72	62,956

ALL MOTOR VEHICLE ACCIDENTS INVOLVING										
Year	Single Motor Vehicle	Motor Vehicle And								
		Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor	Animal	Other†	Total
1973	41,965	137,039	7,161	3,412	322	353	254	1,554	961	193,021
1974	45,720	144,447	6,977	3,508	366	412	224	1,892	725	204,271
1975	48,283	150,252	6,860	4,328*	328	536	306	2,159	637	213,689
1976	44,422	153,559	6,739	3,497	321	455	316	1,792	764	211,865
1977	44,457	160,866	6,482	3,271	275	462	294	1,879	581	218,567
1978	40,332	134,590	5,881	2,969	237	311	234	1,361	448	186,363
1979	45,763	139,539	5,978	3,198	257	335	240	1,460	426	197,196
1980	47,417	136,754	6,072	3,355	228	352	243	1,761	319	196,501
1981	46,347	139,439	5,904	3,451	238	386	184	2,109	314	198,372
1982	42,784	132,431	5,596	3,832	197	412	246	2,129	316	187,943

* Includes Moped Driver.

† Includes Horse Drawn Vehicles.

Type and Condition of Vehicles Involved in All Accidents 1982

TYPE OF VEHICLE INVOLVED IN ALL ACCIDENTS — 1982				
Type of Vehicle	In All Accidents	In Fatal	In Personal Injury	In Property Damage
Passenger Car	262,305	998	84,581	176,726
Passenger Car & Trailer	596	7	160	429
Truck	46,951	248	13,600	33,103
Truck & Trailer	797	8	204	585
Tractor & Semi-trailer	5,060	94	1,409	3,557
Motorcycle	5,728	135	4,989	604
Bus	2,773	14	971	1,788
School Bus/Vehicles	918	8	260	650
Other Motor Vehicles/Unknown	14,273	18	2,507	11,748
Non Motor Vehicle	5,571	81	4,386	1,104
Total	344,972	1,611	113,067	230,294

TYPE AND CONDITION OF VEHICLES INVOLVED — ALL ACCIDENTS — 1982											
Condition	Passenger Car	Passenger Car & Trailer	Truck	Truck & Trailer	Tractor Semi-Trailer	Motorcycle	Bus	School Bus/Vehicles	Other Motor Vehicle/Unknown	Non Motor Vehicle	Total
No Apparent Defect	252,633	499	44,295	639	4,548	5,353	2,700	887	995	4,881	317,430
Service Brakes Defective	692	1	289	12	72	23	9	4	6	156	1,264
Steering Defective	211	1	69	4	9	13	1	—	—	2	310
Tire Puncture or Blow Out	694	8	172	11	46	36	2	1	—	1	971
Tire Tread Insufficient	527	1	147	3	14	44	1	4	1	2	744
Headlamps Defective	72	—	23	—	5	19	—	—	1	41	161
Other Lamps or Reflectors Defective	240	8	126	10	17	4	2	2	6	55	470
Engine Controls Defective	447	1	118	2	9	12	3	—	3	7	602
Wheels or Suspension Defective	164	6	75	11	35	16	—	2	7	4	320
Vision Obscured	152	—	46	—	1	1	—	2	—	7	209
Trailer Hitch Defective	—	33	—	62	45	—	—	—	—	—	140
Other Defects	1,171	25	436	31	112	58	13	5	40	121	2,012
Not Known	5,302	13	1,155	12	147	149	42	11	13,214	294	20,339
Total	262,305	596	46,951	797	5,060	5,728	2,773	918	14,273	5,571	344,972

TYPE OF VEHICLE INVOLVED IN ALL ACCIDENTS 1981-1982

CLASS OF DRIVER LICENCE REQUIRED	TYPE OF VEHICLE	1981				1982			
		FATAL	PERSONAL INJURY	PROPERTY DAMAGE	TOTAL	FATAL	PERSONAL INJURY	PROPERTY DAMAGE	TOTAL
PASSENGER VEHICLES	Passenger car/station wagon	1,234	90,543	183,365	275,142	965	83,484	174,457	258,906
	Taxi/limousine	4	232	416	652	2	169	350	521
	Hearse	—	—	3	3	—	1	11	12
	Dune buggy	—	16	11	27	2	8	4	14
	Ambulance	—	36	78	114	2	29	57	88
PASSENGER VEHICLES AND TRAILERS	Fire department vehicle	2	11	26	39	—	11	40	51
	Police force vehicle	2	232	254	488	2	156	188	346
	Public utility emergency vehicle	—	—	5	5	—	1	—	1
	Passenger van	7	903	1,821	2,731	25	683	1,535	2,243
	Other passenger vehicle	2	99	208	309	—	39	84	123
PASSENGER VEHICLES AND TRAILERS	P.V. and house trailer	—	27	61	88	—	15	42	57
	P.V. and boat trailer	1	30	98	129	1	24	77	102
	P.V. and tent trailer	—	24	40	64	1	17	41	59
	P.V. and utility trailer	—	46	82	128	2	41	79	122
	P.V. and other trailer	2	85	235	322	2	59	174	235
TRUCKS	Other p.v. and trailer	4	14	16	34	1	4	16	21
	Truck with concrete mixer	1	26	53	80	1	21	57	79
	Truck with stake or platform body	17	379	974	1,370	16	251	701	968
	Truck with tank body	4	81	208	293	1	54	159	214
	Truck with dump body	19	452	1,096	1,567	14	375	1,087	1,476
TRUCKS	Tow truck	—	102	277	379	2	110	232	344
	Tractor not pulling a trailer	5	71	156	232	—	52	90	142
	Pick-up truck	196	8,197	18,506	26,899	145	7,637	18,348	26,130
	Delivery van	115	4,280	10,324	14,719	57	4,377	10,265	14,699
	Pick-up camper	—	10	30	40	—	6	27	33
TRUCK AND TRAILER	Fire truck	—	2	16	18	2	7	16	25
	Other truck	7	499	1,380	1,886	7	387	1,277	1,671
	Other truck	2	410	982	1,394	3	303	802	1,108
	Tow truck	1	29	50	80	—	20	42	62
	Pick-up and recreation trailer	1	2	18	21	—	5	22	27
TRUCK AND TRAILER	Pick-up and recreation semi-trailer	2	9	26	37	—	3	23	26
	Pick-up and other semi-trailer	6	88	297	391	3	108	289	400
	Truck/trailer-dump	—	11	27	38	1	12	32	45
	Truck/trailer-frame	—	3	9	12	—	2	7	9
	Truck/trailer-tank	1	1	12	14	—	—	9	9
TRUCK AND TRAILER	Truck/trailer-stake or platform body	5	13	35	53	1	15	37	53
	Truck/trailer-van	1	11	23	35	—	3	15	18
	Truck and pole trailer	—	—	1	1	—	1	3	4
	Tow truck hauling a disabled vehicle	—	12	40	52	2	19	51	72
	Other truck/trailer	—	7	21	29	—	7	15	22

TRACTOR AND SEMI-TRAILERS	G	Other truck/trailer	—	10	19	29	1	10	24	35
	A	Other truck/trailer	—	1	10	34	—	5	30	35
	D	Tow truck hauling a disabled vehicle	—	16	23	39	—	14	28	42
	A	Tractor/semi-trailer-dump	5	73	106	184	5	56	94	155
	A	Tractor/semi-trailer-frame	—	9	18	27	—	2	22	24
	A	Tractor/semi-trailer-tank	5	50	124	179	4	44	97	145
	A	Tractor/semi-trailer-stake or platform	3	118	227	348	4	84	236	324
	A	Tractor/semi-trailer-van	24	345	932	1,301	13	304	778	1,095
	A	Tractor/semi-trailer-concrete mixer	—	—	6	6	—	2	5	7
	A	Tractor/semi-trailer float	25	56	167	248	15	51	138	204
TRACTOR AND SEMI-TRAILERS	A	Tractor/semi-trailer-car transport	—	5	9	14	—	4	7	11
	A	Tractor/semi-trailer-other	49	1,004	2,417	3,470	48	796	2,020	2,864
	A	Tractor/semi-trailer and pup-dump	1	2	12	15	1	8	16	25
	A	Tractor/semi-trailer and pup-frame	—	2	1	3	—	2	3	5
	A	Tractor/semi-trailer and pup-tank	—	6	13	19	1	7	18	26
	A	Tractor/semi-trailer and pup-stake or platform	2	3	11	16	1	8	11	20
	A	Tractor/semi-trailer and pup-van	1	4	11	16	—	7	18	25
	A	Tractor/semi-trailer and pup-other	4	13	35	52	—	15	51	66
	A	Tractor/semi-trailer and semi-trailer-tank	1	1	7	9	1	3	4	8
	A	Tractor/semi-trailer/semi-trailer stake or platform	1	2	4	7	—	—	6	6
BUS	A	Tractor/semi-trailer and semi-trailer-van	2	3	6	11	—	2	5	7
	A	Tractor/semi-trailer and semi-trailer-other	3	15	32	50	1	14	28	43
	C	Transit - intercity	—	97	241	338	—	88	192	280
	C	Transit - urban	13	793	1,317	2,123	13	841	1,500	2,354
	C	Coach - intercity	—	18	47	65	—	23	47	70
	F	Coach - urban	1	24	47	72	1	19	49	69
	E	School bus or school van-seating capacity 10-23	1	42	61	104	1	36	86	123
	B	School bus — seating capacity 24 or over	3	202	510	715	6	199	527	732
	G	School van — seating capacity under 10	—	7	4	11	—	5	9	14
	G	Station wagon	—	1	7	8	—	1	—	1
OTHER MOTOR VEHICLES	C	Other bus	—	38	79	117	1	19	28	48
	G	Motor home	2	35	107	144	3	33	109	145
	M	Motorcycle	107	4,577	508	5,192	135	4,989	604	5,728
	G	Moped	—	61	3	64	1	62	3	66
	G	Snowmobile	4	82	43	129	6	109	63	178
	M	Farm tractor	3	84	145	232	6	93	198	297
	G	Tractor or construction equipment	2	53	167	222	1	57	250	308
	G	Train	21	99	129	249	17	81	104	202
	G	Street car	1	117	318	436	1	112	355	468
	G	Bicycle	47	3,527	77	3,651	48	3,914	79	4,041
NON-MOTOR VEHICLES	A	Snow Plow	—	2	13	15	—	7	25	32
	A	Go-cart	—	2	—	2	—	—	—	1
	A	Horse and buggy	1	6	4	11	1	5	8	14
	A	Other	1	6	34	41	—	8	22	30
	A	Unknown	6	2,491	11,713	14,210	14	2,412	11,636	14,062
	A	Total	1,981	121,104	241,057	364,142	1,611	113,067	230,294	344,972

Motor Vehicle Accidents by Place of Occurrence 1973 — 1982

FATAL ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1973	404	132	606	483	1,625
1974	385	118	565	402	1,470
1975	487	143	537	353	1,520
1976	366	89	467	343	1,265
1977	389	70	415	339	1,213
1978	433	95	418	317	1,263
1979	457	99	434	326	1,316
1980	460	92	444	300	1,296
1981	422	91	432	289	1,234
1982	326	72	310	289	997

PERSONAL INJURY ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1973	37,067	3,780	10,351	14,137	65,335
1974	33,573	3,780	10,097	18,902	66,352
1975	32,923	3,955	10,085	18,848	65,811
1976	29,243	3,037	8,412	17,336	58,028
1977	34,540	3,652	9,364	16,231	63,787
1978	41,207	4,071	8,779	8,607	62,664
1979	44,078	4,353	9,246	9,524	67,201
1980	44,397	4,159	8,853	9,982	67,391
1981	43,731	4,604	8,648	10,309	67,292
1982	40,820	4,567	7,731	9,838	62,956

ALL MOTOR VEHICLE ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1973	114,170	11,333	26,882	40,636	193,021
1974	108,552	11,562	27,495	56,662	204,271
1975	112,358	12,693	28,465	60,173	213,689
1976	113,199	11,165	26,028	61,473	211,865
1977	127,764	12,470	26,570	51,763	218,567
1978	128,595	11,963	22,339	23,466	186,363**
1979	135,980	13,114	23,082	25,020	197,196
1980	135,533	12,452	22,216	26,300	196,501
1981	135,325	13,764	21,801	27,482	198,372
1982	126,888	13,462	19,784	27,809	187,943

*Includes Secondary Highways.

**Minimum reportable property damage amount changed from over \$200 to over \$400 on January 1, 1978.

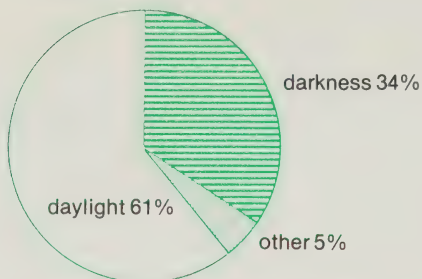
Type of Accidents — 1981 - 1982

ACCIDENT INVOLVING MOTOR VEHICLE AND	CLASS OF ACCIDENTS — 1982			
	FATAL	PERSONAL INJURY	PROPERTY DAMAGE ONLY	TOTAL
Other Motor Vehicle/s	402	36,767	95,262	132,431
Pedestrian	162	5,430	4	5,596
Cyclist	42	3,730	60	3,832
Railway Train	17	78	102	197
Street Car	1	95	316	412
Farm Tractor	3	70	173	246
Animal	—	267	1,862	2,129
Other Moveable Object	11	72	233	316
Restraining Barrier	28	1,426	4,266	5,720
Rigid Pole	42	1,906	3,417	5,365
Breakaway Pole	7	462	1,065	1,534
Tree	38	1,146	1,463	2,647
Post	23	676	1,796	2,495
Fence	3	389	1,046	1,438
Culvert	22	409	270	701
Bridge Support	11	192	271	474
Rock Face	10	349	441	800
Snow Bank or Drift	7	532	1,026	1,565
Ditch	77	3,867	3,911	7,855
Curb	20	912	1,380	2,312
Crash Cushion	—	28	68	96
Building or Wall	2	203	446	651
Other Fixed Object	23	1,018	1,994	3,035
Fire/Explosion	1	24	630	655
Submersion	2	7	11	20
Rollover	33	1,586	1,059	2,678
Other Non-Collision Event	10	1,315	1,418	2,743
Total	997	62,956	123,990	187,943

ACCIDENT INVOLVING MOTOR VEHICLE AND	CLASS OF ACCIDENTS — 1981			
	FATAL	PERSONAL INJURY	PROPERTY DAMAGE ONLY	TOTAL
Other Motor Vehicle/s	524	39,693	99,222	139,439
Pedestrian	220	5,681	3	5,904
Cyclist	43	3,351	57	3,451
Railway Train	21	95	122	238
Street Car	1	95	290	386
Farm Tractor	3	68	113	184
Animal	3	275	1,831	2,109
Other Moveable Object	5	114	195	314
Restraining Barrier	35	1,432	4,428	5,895
Rigid Pole	41	2,205	3,980	6,226
Breakaway Pole	9	538	1,228	1,775
Tree	56	1,436	1,794	3,286
Post	27	749	1,955	2,731
Fence	13	456	1,292	1,761
Culvert	17	473	367	857
Bridge Support	5	200	276	481
Rock Face	17	463	557	1,037
Snow Bank or Drift	5	202	420	627
Ditch	79	4,179	4,074	8,332
Curb	24	1,040	1,514	2,578
Crash Cushion	—	37	85	122
Building or Wall	1	212	521	734
Other Fixed Object	31	1,048	2,174	3,253
Fire/Explosion	—	28	600	628
Submersion	1	7	9	17
Rollover	45	1,798	1,162	3,005
Other Non-Collision Event	8	1,417	1,577	3,002
Total	1,234	67,292	129,846	198,372

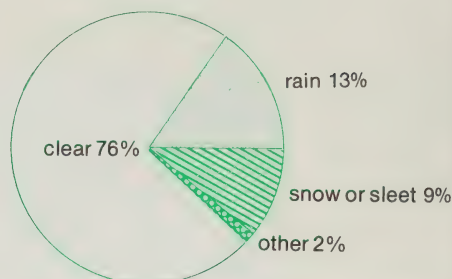
All Accidents — 1982 — Light Condition, Visibility and Road Location

Light Condition



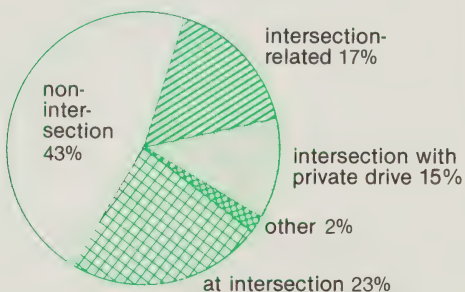
Light Condition	Total	Fatal	Personal Injury	Property Damage
Daylight	115,603	415	38,349	76,839
Dawn	2,264	13	713	1,538
Dusk	6,582	32	2,209	4,341
Darkness	63,494	537	21,685	41,272
Total	187,943	997	62,956	123,990

Visibility



Visibility	Total	Fatal	Personal Injury	Property Damage
Clear	142,349	811	48,704	92,834
Rain	25,196	105	8,628	16,463
Snow or Sleet	17,528	52	4,535	12,941
Fog, Mist, Smoke, or Dust	2,870	29	1,089	1,752
Total	187,943	997	62,956	123,990

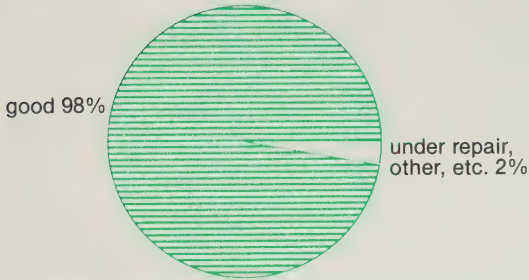
Road Location



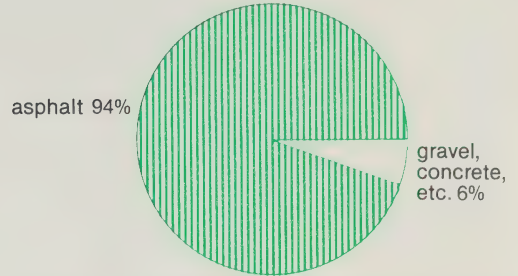
Road Location	Total	Fatal	Personal Injury	Property Damage
Non-Intersection	80,006	640	26,695	52,671
Intersection-Related	32,233	55	11,015	21,163
At Intersection	44,058	166	16,472	27,420
Intersection with Private Drive	28,470	88	7,657	20,725
At Railroad Crossing	665	20	250	395
Underpass or Tunnel	356	5	124	227
Overpass or Bridge	1,894	19	659	1,216
Other	261	4	84	173
Total	187,943	997	62,956	123,990

All Accidents — 1982 — Road Condition, Road Type and Road Surface Condition

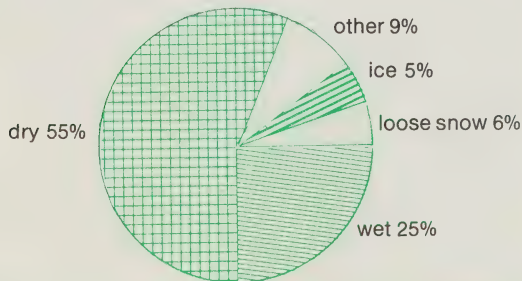
Road Condition



Road Type



Road Surface Condition



Road Surface Condition	Total	Fatal	Personal Injury	Property Damage
Dry	102,685	700	38,148	63,837
Wet	47,713	191	15,826	31,696
Loose Snow	11,300	30	2,588	8,682
Slush	6,418	15	1,627	4,776
Packed Snow	8,801	21	1,888	6,892
Ice	9,791	32	2,397	7,362
Mud	106	—	33	73
Loose Sand or Gravel	1,129	8	449	672
Total	187,943	997	62,956	123,990

Statistics Relating to Motor Vehicle Accidents By Counties, Districts, Regional Municipalities, Ontario Cities, Towns and Villages — 1982



Motor Vehicle Accidents by Counties, Districts and Regional Municipalities — 1982

County, District or Regional Municipality	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Algoma	3,728	17	1,116	2,595	20	1,672
Brant	2,177	23	684	1,470	25	1,035
Bruce	1,133	12	416	705	13	660
Cochrane	2,091	19	660	1,412	24	989
Dufferin	675	13	224	438	18	379
Dundas	301	7	87	207	7	159
Durham	5,817	40	2,165	3,612	47	3,245
Elgin	1,034	13	364	657	15	589
Essex	6,172	34	2,385	3,753	38	3,521
Frontenac	2,269	10	760	1,499	11	1,127
Glengarry	496	7	182	307	8	270
Grenville	470	6	156	308	7	236
Grey	1,351	13	446	892	16	682
Haldimand-Norfolk	1,641	22	630	989	25	941
Haliburton	379	3	156	220	3	260
Halton	5,405	23	1,857	3,525	26	2,773
Hamilton-Wentworth	8,717	39	3,332	5,346	45	4,869
Hastings	2,243	18	731	1,494	25	1,065
Huron	975	14	311	650	17	535
Kenora	1,205	9	357	839	11	546
Kent	2,076	15	755	1,306	17	1,080
Lambton	2,781	19	951	1,811	20	1,380
Lanark	951	6	318	627	6	499
Leeds	1,043	6	362	675	8	533
Lennox & Addington	596	5	239	352	6	370
Manitoulin	251	3	89	159	3	157
Middlesex	6,707	40	2,442	4,225	50	3,576
Muskoka	1,082	7	370	705	8	557
Niagara	7,735	47	2,626	5,062	48	3,857
Nipissing	1,579	14	546	1,019	19	868
Northumberland	1,262	17	487	758	17	827
Ottawa-Carleton	13,418	35	3,654	9,730	41	5,105
Oxford	1,783	15	623	1,145	16	940
Parry Sound	931	13	305	613	14	536
Peel	10,032	49	3,325	6,658	54	5,116
Perth	1,244	10	401	833	13	591
Peterborough	2,291	13	764	1,514	16	1,173
Prescott	545	4	192	349	4	270
Prince Edward	380	7	139	234	7	208
Rainy River	577	5	131	441	6	190
Renfrew	1,562	27	563	972	30	864
Russell	350	2	113	235	2	154
Simcoe	4,941	39	1,668	3,234	49	2,652
Stormont	1,421	10	526	885	12	769
Sudbury	3,594	23	1,258	2,313	24	1,945
Thunder Bay	4,237	18	1,180	3,039	20	1,819
Timiskaming	918	15	273	630	20	457
Victoria	951	13	365	573	18	542
Waterloo	6,392	27	1,963	4,402	29	2,768
Wellington	2,601	20	950	1,631	24	1,526
*York	55,432	131	18,359	36,942	137	25,933
Total	187,943	997	62,956	123,990	1,138	92,815

* Includes Metropolitan Toronto

Motor Vehicle Accidents in Ontario Cities, Towns and Villages — 1982

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Ailsa Craig	4	—	1	3	—	3
Ajax	310	1	106	203	1	154
Alexandria	106	—	31	75	—	38
Alfred	6	—	2	4	—	3
Alliston	101	—	26	75	—	36
Almonte	34	—	9	25	—	12
Alvinston	2	—	2	—	—	2
Amherstburg	66	1	17	48	1	24
Ancaster	162	—	51	111	—	89
Angus	10	—	2	8	—	3
Arkona	1	—	—	1	—	—
Arnprior	64	1	16	47	1	20
Arthur	19	—	4	15	—	5
Athens	14	—	3	11	—	5
Atikokan	13	—	1	12	—	1
Aurora	282	—	106	176	—	134
Aylmer	63	—	13	50	—	16
Ayton	4	—	2	2	—	5
Balmertown	7	—	2	5	—	2
Bancroft	46	—	17	29	—	19
Barrie	877	—	218	659	—	322
Barrys Bay	16	—	2	14	—	3
Bath	5	—	—	5	—	—
Bayfield	2	—	—	2	—	—
Beeton	14	—	4	10	—	4
Belle River	30	—	7	23	—	7
Belleville	786	1	225	560	2	289
Belmont	3	—	1	2	—	1
Bicroft	1	—	—	1	—	—
Blenheim	42	—	10	32	—	11
Blind River	63	—	14	49	—	24
Bloomfield	4	—	—	4	—	—
Blyth	2	—	1	1	—	1
Bobcaygeon	16	—	3	13	—	3
Bothwell	6	—	1	5	—	1
Bracebridge	80	—	25	55	—	31
Bradford	116	—	32	84	—	49
Braeside	3	—	2	1	—	2
Brampton	2,336	9	767	1,560	10	1,203
Brantford	1,385	3	403	979	3	567
Brighton	41	—	15	26	—	20
Brockville	362	—	118	244	—	147
Bruce Mines	4	—	2	2	—	2
Brussels	12	—	1	11	—	1
Burford	2	—	1	1	—	1
Burk's Falls	8	—	2	6	—	2
Burlington	1,663	8	563	1,092	9	791
Cache Bay	4	—	—	4	—	—
Caledon	566	5	219	342	5	340
Cambridge	1,381	4	431	946	4	588
Campbellford	43	—	11	32	—	15

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Capreol	30	—	10	20	—	19
Cardinal	15	—	4	11	—	7
Carleton Place	111	—	31	80	—	48
Casselman	20	—	1	19	—	1
Chalk River	4	—	3	1	—	3
Chatham	881	1	262	618	1	352
Chesley	11	—	3	8	—	4
Chesterville	23	—	3	20	—	3
Clarksburg	2	—	1	1	—	2
Clifford	6	—	—	6	—	—
Clinton	57	1	7	49	1	8
Cobalt	29	—	8	21	—	15
Cobden	3	—	1	2	—	2
Cobourg	175	1	58	116	1	82
Cochrane	80	2	23	55	2	28
Colborne	15	—	5	10	—	9
Coldwater	7	—	1	6	—	1
Collingwood	207	2	65	140	2	103
Cookstown	15	—	—	15	—	—
Cornwall	1,118	5	400	713	5	583
Creemore	11	—	5	6	—	7
Deep River	21	—	9	12	—	9
Deseronto	11	—	1	10	—	2
Dorchester	1	—	—	1	—	—
Drayton	9	—	2	7	—	2
Dresden	35	—	6	29	—	9
Dryden	141	—	27	114	—	36
Dundalk	15	—	4	11	—	4
Dundas	281	—	91	190	—	123
Dunnville	157	2	52	103	3	74
Durham	54	—	15	39	—	19
Dutton	7	—	1	6	—	1
Ear Falls	2	—	1	1	—	1
East Gwillimbury	38	3	10	25	4	25
Eganville	15	—	6	9	—	6
Elliot Lake	334	1	73	260	1	97
Elmvale	8	—	—	8	—	—
Elora	20	—	6	14	—	8
Embrun	4	—	1	3	—	1
Englehart	16	—	3	13	—	3
Erieau	5	—	2	3	—	2
Erie Beach	1	—	—	1	—	—
Erin	21	—	4	17	—	4
Espanola	65	—	7	58	—	9
Essex	79	—	21	58	—	25
Everett	2	—	1	1	—	1
Exeter	71	—	18	53	—	24
Fenelon Falls	21	—	8	13	—	9
Fergus	87	—	21	66	—	33
Flesherton	13	1	3	9	2	5
Fordwich	1	—	1	—	—	1

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Forest	30	—	13	17	—	17
Fort Erie	395	7	140	248	8	209
Fort Frances	196	1	41	154	1	55
Frankford	15	—	3	12	—	3
Gananoque	63	1	16	46	1	27
Geraldton	31	—	6	25	—	6
Glencoe	13	—	2	11	—	2
Gloucester	652	3	218	431	5	328
Goderich	130	—	33	97	—	44
Gore Bay	2	—	—	2	—	—
Grand Bend	26	—	9	17	—	15
Grand Valley	3	—	2	1	—	4
Gravenhurst	78	—	30	48	—	44
Grimsby	214	—	70	144	—	100
Guelph	1,134	4	399	731	5	566
Haldimand	72	2	32	38	2	56
Haileybury	46	—	9	37	—	16
Halton Hills	644	1	188	455	1	271
Hamilton	6,160	17	2,373	3,770	18	3,318
Hanover	93	—	29	64	—	40
Harriston	4	—	1	3	—	1
Harrow	25	—	6	19	—	6
Hastings	1	—	—	1	—	—
Havelock	17	—	5	12	—	9
Hawkesbury	167	—	47	120	—	62
Hearst	63	—	16	47	—	18
Hensall	6	—	1	5	—	1
Highgate	1	—	—	1	—	—
Hilton Beach	2	—	—	2	—	—
Holstein	1	—	—	1	—	—
Huntsville	80	—	24	56	—	34
Ingersoll	138	—	48	90	—	59
Iron Bridge	1	—	—	1	—	—
Iroquois	6	—	—	6	—	—
Iroquois Falls	60	1	14	45	1	19
Kanata	166	—	50	116	—	72
Kapuskasing	179	1	41	137	1	59
Keewatin	22	—	8	14	—	10
Kemptville	26	—	5	21	—	6
Kenora	184	—	55	129	—	67
Killaloe Station	1	—	—	1	—	—
Kincardine	67	1	14	52	1	18
Kingston	1,204	1	349	854	1	481
Kingsville	42	—	12	30	—	16
Kirkland Lake	188	—	37	151	—	47
Kitchener	2,554	7	734	1,813	8	1,020
Lakefield	30	1	16	13	1	27
Lanark	5	—	1	4	—	1
Lancaster	11	—	6	5	—	8
Latchford	1	—	—	1	—	—
Leamington	232	—	55	177	—	80

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Lincoln	197	2	76	119	2	114
Lindsay	234	—	83	151	—	110
Lions Head	2	—	2	—	—	2
Listowel	87	—	26	61	—	41
Little Current	12	—	1	11	—	1
London	5,135	12	1,820	3,303	12	2,562
L'Orignal	14	—	6	8	—	6
Lucan	12	—	2	10	—	2
Lucknow	8	—	1	7	—	1
Madoc	15	—	3	12	—	4
Markdale	20	—	7	13	—	11
Markham	781	3	234	544	4	352
Marmora	12	—	2	10	—	3
Massey	10	—	4	6	—	6
Mattawa	11	—	3	8	—	7
Maxville	5	—	—	5	—	—
Meaford	47	—	13	34	—	13
Merlin	4	—	—	4	—	—
Merrickville	10	—	1	9	—	2
Midland	185	1	68	116	1	96
Mildmay	6	—	—	6	—	—
Millbrook	5	—	1	4	—	1
Milton	587	4	196	387	4	288
Milverton	11	—	2	9	—	2
Mississauga	5,095	17	1,616	3,462	18	2,346
Mitchell	60	—	21	39	—	27
Moorefield	1	—	—	1	—	—
Morrisburg	19	—	4	15	—	9
Mount Brydges	3	—	2	1	—	2
Mount Forest	46	—	8	38	—	15
Nanticoke	231	1	85	145	1	134
Napanee	103	—	34	69	—	51
Nepean	1,090	5	314	771	5	462
Neustadt	2	—	1	1	—	1
Newboro	1	—	1	—	—	1
Newburgh	1	—	1	—	—	1
Newbury	3	—	—	3	—	—
Newcastle	408	6	165	237	7	256
New Liskeard	87	—	23	64	—	27
Newmarket	335	1	110	224	1	148
Niagara-on-the-Lake	190	2	66	122	2	101
Niagara Falls	1,477	6	535	936	6	800
Nickel Centre	84	5	30	49	5	45
North Bay	688	3	226	459	3	315
Norwood	7	—	2	5	—	3
Oakville	1,146	3	384	759	4	561
Oil Springs	4	—	1	3	—	1
Omeme	9	—	2	7	—	2
Onaping Falls	24	—	7	17	—	13
Orangeville	231	—	66	165	—	94
Orillia	379	—	119	260	—	160

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Oshawa	2,166	7	787	1,372	7	1,126
Ottawa	8,480	10	2,189	6,281	11	2,894
Owen Sound	218	1	66	151	1	86
Paisley	1	—	—	1	—	—
Palmerston	24	—	3	21	—	3
Paris	90	—	27	63	—	40
Parkhill	10	—	3	7	—	3
Parry Sound	67	1	23	43	1	31
Pelham	125	1	47	77	1	67
Pembroke	229	1	80	148	1	108
Penetanguishene	79	—	19	60	—	25
Perth	120	—	42	78	—	65
Petawawa	27	1	6	20	1	8
Peterborough	1,293	1	408	884	1	592
Petrolia	59	—	11	48	—	16
Pickering	503	3	199	301	4	290
Picton	75	—	25	50	—	38
Plantagenet	10	—	4	6	—	5
Point Edward	56	—	22	34	—	29
Port Burwell	9	1	2	6	1	3
Port Colborne	275	1	93	181	1	133
Port Elgin	113	1	35	77	1	51
Port Hope	74	—	33	41	—	50
Port McNicoll	11	—	2	9	—	2
Port Stanley	23	—	12	11	—	18
Powassan	5	—	—	5	—	—
Prescott	82	—	15	67	—	18
Rainy River	12	—	1	11	—	2
Rayside-Balfour	98	—	40	58	—	47
Renfrew	124	—	36	88	—	56
Richmond Hill	431	4	138	289	4	210
Ridgetown	27	—	9	18	—	11
Ripley	1	—	—	1	—	—
Rockliffe Park	15	—	3	12	—	5
Rockland	43	—	10	33	—	15
Rockwood	1	—	—	1	—	—
Rodney	9	—	3	6	—	4
Russell	1	—	—	1	—	—
St. Catharines	2,244	8	754	1,482	8	1,049
St. Clair Beach	7	—	5	2	—	5
St. Isidore de Prescott	7	—	2	5	—	2
St. Marys	61	—	15	46	—	19
St. Thomas	359	—	109	250	—	156
Sarnia	1,346	3	430	913	3	608
Sault Ste. Marie	2,198	6	611	1,581	6	907
Seaforth	37	—	7	30	—	9
Shedden	1	—	1	—	—	1
Shelburne	31	—	6	25	—	7
Simcoe	287	—	95	192	—	130
Sioux Lookout	38	—	8	30	—	10
Smiths Falls	175	—	33	142	—	48

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Smooth Rock Falls	18	—	2	16	—	2
Southampton	43	—	13	30	—	18
South River	7	—	2	5	—	4
Springfield	5	—	2	3	—	4
Stayner	23	—	6	7	—	11
Stirling	14	—	—	14	—	—
Stoney Creek	506	3	212	291	4	325
Stoney Point	1	—	1	—	—	1
Stratford	450	2	118	330	2	161
Strathroy	109	—	38	71	—	43
Sturgeon Falls	108	1	25	82	1	47
Sudbury	2,009	4	690	1,315	4	1,033
Sundridge	12	—	2	10	—	2
Tara	4	—	—	4	—	—
Tecumseh	97	—	39	58	—	53
Teeswater	6	—	2	4	—	2
Thamesville	12	—	2	10	—	2
Thedford	9	—	3	6	—	3
Thessalon	14	—	2	12	—	3
Thornbury	8	—	2	6	—	4
Thorold	185	3	57	125	3	102
Thunder Bay	2,750	4	696	2,050	4	995
Tilbury	48	1	16	31	1	20
Tillsonburg	189	—	59	130	—	88
Timmins	896	7	251	638	9	369
Tiverton	5	—	—	5	—	—
Toronto	44,651	72	14,694	29,885	74	20,351
Tottenham	13	—	3	10	—	4
Trenton	315	—	92	223	—	122
Trout Creek	3	—	—	3	—	—
Tweed	31	—	6	25	—	7
Valley East	166	2	73	91	2	111
Vanier	530	—	119	411	—	170
Vankleek Hill	17	—	3	14	—	3
Vaughan	574	7	187	380	11	285
Victoria Harbour	8	—	—	8	—	—
Vienna	1	—	—	1	—	—
Walden	61	2	25	34	2	43
Walkerton	63	—	18	45	—	24
Wallaceburg	197	1	58	138	1	70
Warkworth	6	—	1	5	—	2
Wasaga Beach	103	—	38	65	—	65
Waterloo	1,050	3	296	751	3	389
Watford	20	—	5	15	—	8
Webbwood	2	—	—	2	—	—
Welland	976	5	278	693	5	382
Wellington	17	—	6	17	—	8
West Lorne	5	—	1	4	—	4
Westport	8	—	—	8	—	—
Wheatley	14	—	5	9	—	8
Whitby	671	4	262	405	6	375

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Whitchurch-Stouffville	141	1	42	98	1	63
Warton	21	1	6	14	1	11
Williamsburg	1	—	—	1	—	—
Winchester	9	—	1	8	—	1
Winchester Springs	10	—	2	8	—	2
Windsor	4,105	8	1,531	2,566	8	2,233
Wingham	54	—	6	48	—	6
Woodstock	554	1	175	378	2	242
Woodville	3	—	1	2	—	1
Wyoming	15	—	5	10	—	5
Zurich	3	—	—	3	—	—
Total	133,880	353	42,954	90,569	371	60,536

Summary of Motor Vehicle Traffic Accident Statistics

Number of Accidents

Ontario 1982

	Total	Fatal	Personal Injury	Property Damage Only
Accident Involves*				
Single Motor Vehicle	42,784	359	16,447	25,978
or				
Motor Vehicle And				
Other Motor Vehicle/s	132,431	402	36,767	95,262
Pedestrian	5,596	162	5,430	4
Cyclist	3,832	42	3,730	60
Railroad Train	197	17	78	102
Street Car	412	1	95	316
Farm Tractor	246	3	70	173
Animal	2,129	—	267	1,862
Other	316	11	72	233
Total	187,943	997	62,956	123,990

Month of Occurrence				
January	21,072	54	5,285	15,733
February	17,713	33	4,389	13,291
March	14,884	64	4,368	10,452
April	12,452	61	4,306	8,085
May	13,143	83	5,140	7,920
June	15,264	91	5,887	9,286
July	14,656	121	6,147	8,388
August	14,483	113	5,797	8,573
September	14,760	106	5,560	9,094
October	15,028	105	5,408	9,515
November	16,969	86	5,548	11,335
December	17,519	80	5,121	12,318
Total	187,943	997	62,956	123,990

Day of Occurrence				
Sunday	22,786	158	8,055	14,573
Monday	22,946	89	7,459	15,398
Tuesday	24,220	105	7,978	16,137
Wednesday	24,339	113	7,940	16,286
Thursday	27,877	132	9,244	18,501
Friday	34,839	182	11,597	23,060
Saturday	30,936	218	10,683	20,035
Total	187,943	997	62,956	123,990

Hour of Occurrence				
12 to 1 A.M.	5,145	48	1,832	3,265
1 to 2 "	7,316	78	2,864	4,374
2 to 3 "	4,357	41	1,657	2,659
3 to 4 "	2,401	30	855	1,516
4 to 5 "	1,612	17	616	979
5 to 6 "	1,316	13	504	799
6 to 7 "	2,878	15	963	1,900
7 to 8 "	6,331	31	1,898	4,402
8 to 9 "	9,470	33	2,853	6,584
9 to 10 "	6,683	23	1,893	4,767
10 to 11 "	7,398	21	2,214	5,163
11 to 12 "	8,574	18	2,634	5,922
12 to 1 P.M.	9,933	28	3,241	6,664
1 to 2 "	10,047	33	3,278	6,736
2 to 3 "	10,461	31	3,345	7,085
3 to 4 "	13,900	58	4,615	9,227
4 to 5 "	16,372	55	5,505	10,812
5 to 6 "	13,886	51	4,867	8,968
6 to 7 "	10,278	58	3,641	6,579
7 to 8 "	9,577	71	3,537	5,969
8 to 9 "	7,937	53	2,807	5,077
9 to 10 "	7,021	56	2,515	4,450
10 to 11 "	6,342	62	2,196	4,084
11 to 12 "	6,433	61	2,319	4,053
Not Known	2,275	12	307	1,956
Total	187,943	997	62,956	123,990

	Total	Fatal	Personal Injury	Property Damage Only
Light Conditions				
Daylight	115,603	415	38,349	76,839
Dawn	2,264	13	713	1,538
Dusk	6,582	32	2,209	4,341
Darkness	63,494	537	21,685	41,272
Total	187,943	997	62,956	123,990

Road Surface Condition				
Dry	102,685	700	38,148	63,837
Wet	47,713	191	15,826	31,696
Loose Snow	11,300	30	2,588	8,682
Slush	6,418	15	1,627	4,776
Packed Snow	8,801	21	1,888	6,892
Ice	9,791	32	2,397	7,362
Mud	106	—	33	73
Loose Sand or Gravel	1,129	8	449	672
Total	187,943	997	62,956	123,990

Road Condition				
Good	183,251	977	61,473	120,801
Under Repair	915	3	315	597
Under Construction	1,627	9	558	1,060
Other	2,150	8	610	1,532
Total	187,943	997	62,956	123,990

Road Type				
Asphalt	176,355	911	59,002	116,442
Gravel or Crushed Stone	7,319	70	2,529	4,720
Concrete	3,493	11	1,161	2,321
Earth	484	1	170	313
Other	292	4	94	194
Total	187,943	997	62,956	123,990

Visibility				
Clear	142,349	811	48,704	92,834
Rain	25,196	105	8,628	16,463
Snow or Sleet	17,528	52	4,535	12,941
Fog, Mist, Smoke or Dust	2,870	29	1,089	1,752
Total	187,943	997	62,956	123,990

Place of Occurrence				
Urban Area	126,888	326	40,820	85,742
Kings Highway	33,246	382	12,298	20,566
(Incl. Sec. Hwy.)				
Other	27,809	289	9,838	17,682
Total	187,943	997	62,956	123,990

Road Location				
Non-Intersection	80,006	640	26,695	52,671
Intersection-Related	32,233	55	11,015	21,163
At Intersection	44,058	166	16,472	27,420
Intersection with				
Private Drive	28,470	88	7,657	20,725
At Railroad Crossing	665	20	250	395
Underpass or Tunnel	356	5	124	227
Overpass or Bridge	1,894	19	659	1,216
Other	261	4	84	173
Total	187,943	997	62,956	123,990

*Based on initial impact.

Summary of Motor Vehicle Traffic Accident Statistics

Number of Drivers and Pedestrians

Ontario 1982

	In All Accidents	In Fatal	In Personal Injury	In Property Damage Only
Sex of Driver				
Male	228,284	1,260	77,085	149,939
Female	75,521	235	26,455	48,831
Not Known	16,668	17	2,760	13,891
Total	320,473	1,512	106,300	212,661

Age of Driver				
Under 16	351	7	155	189
16-19 Years	38,437	234	13,438	24,765
20-24 "	57,856	292	20,069	37,495
25-34 "	81,437	399	27,843	53,195
35-44 "	52,429	218	17,731	34,480
45-54 "	35,199	139	11,768	23,292
55-64 "	24,027	111	7,842	16,074
65 & Over	14,069	95	4,626	9,348
Not Known	16,668	17	2,828	13,823
Total	320,473	1,512	106,300	212,661

Licence of Driver				
Licensed	288,044	1,332	97,733	188,979
Unlicensed	5,594	82	2,408	3,104
Not Known	26,835	98	6,159	20,578
Total	320,473	1,512	106,300	212,661

Residence of Driver				
Alberta	395	6	122	267
British Columbia	261	1	90	170
Manitoba	300	5	108	187
New Brunswick	98	1	28	69
Newfoundland	72	1	16	55
Nova Scotia	118	1	36	81
Ontario	297,099	1,436	101,263	194,400
Prince Edward Island	22	—	8	14
Quebec	2,546	15	721	1,810
Saskatchewan	75	—	25	50
Yukon and Northwest Territories	14	—	6	8
United States	2,423	25	908	1,490
Other Foreign	336	2	102	232
Not Known	16,714	19	2,867	13,828
Total	320,473	1,512	106,300	212,661

Condition of Driver				
Normal	266,356	857	87,187	178,312
Had Been Drinking	17,358	198	8,275	8,885
Ability Impaired Alcohol	9,082	293	4,109	4,680
Ability Impaired Drugs	253	1	115	137
Fatigue	1,114	7	526	581
Medical or Physical Defect	523	1	264	258
Not Known	25,487	155	5,702	19,630
Other	300	—	122	178
Total	320,473	1,512	106,300	212,661

Apparent Driver Action				
Driving Properly	136,635	579	47,238	88,818
Following Too Close	15,510	11	5,880	9,619
Speed Too Fast	26,830	277	10,964	15,589
Improper Turn	11,910	17	2,993	8,900
Disobey Traffic Signal	6,092	17	2,590	3,485
Disobey Stop Sign	4,161	39	1,731	2,391
Fail To Yield Right-Of-Way	35,266	136	9,991	25,139
Improper Passing	5,065	42	1,377	3,646
Lost Control	23,765	103	8,236	15,426
Wrong Way On One-Way Road	332	1	112	219
Disobey Other Controls	186	5	81	100
Not Known	29,839	174	6,821	22,844
Other	24,882	111	8,286	16,485
Total	320,473	1,512	106,300	212,661

	Killed	Injured
Condition of Pedestrian		
Normal	89	4,831
Had Been Drinking	18	409
Ability Impaired Alcohol	38	148
Ability Impaired Drugs	—	7
Fatigue	1	3
Medical or Physical Defect	2	83
Not Known	29	426
Other	2	74
Total	179	5,981

Pedestrian Action		
Crossing Intersection With Right of Way	5	1,066
Crossing Intersection Without Right of Way	9	441
Crossing Intersection, No Traffic Control	6	118
Crossing Pedestrian Crossover	3	194
Walking on Roadway With Traffic	16	228
Walking on Roadway Against Traffic	4	129
On Sidewalk or Shoulder	10	409
Coming From Behind Parked Vehicle or Object	4	425
Playing or Working on Highway	1	115
Running into Roadway	22	1,203
Crossing Through Traffic	53	813
Other	46	840
Total	179	5,981

Summary of Motor Vehicle Traffic Accident Statistics

Number of Victims

Ontario 1982

Type of Accident	Age of Persons Killed											Age of Persons Injured										
	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated
Single Motor Vehicle	392	5	9	106	81	91	33	27	20	20	—	22,839	253	844	5,723	5,561	5,111	2,279	1,353	892	657	166
Other Motor Veh's	496	4	12	69	94	98	55	53	46	64	1	59,517	1,072	3,029	8,282	10,528	13,959	8,763	6,088	4,328	3,051	417
Pedestrian	167	8	13	26	12	15	12	13	18	50	—	5,759	304	1,694	736	619	677	410	333	369	507	110
Cyclist	43	—	15	6	5	6	1	1	1	5	3	3,908	39	1,384	903	522	367	132	52	47	30	432
Railroad Train	25	—	1	8	3	1	—	6	1	5	—	114	—	7	25	11	28	17	8	13	5	—
Street Car	1	—	—	—	—	1	—	—	—	—	—	124	3	4	12	26	33	30	12	1	3	—
Farm Tractor	3	—	—	—	—	1	—	1	1	—	—	100	—	4	15	17	26	12	12	7	5	2
Animal	—	—	—	—	—	—	—	—	—	—	—	351	5	7	65	93	84	37	26	20	10	4
Other	11	1	—	3	2	2	1	—	—	2	—	103	1	1	30	21	13	15	5	6	6	5
Total	1,138	18	50	218	197	215	102	101	87	146	4	92,815	1,677	6,974	15,791	17,398	20,298	11,695	7,889	5,683	4,274	1,136

Victim	Victims By Class and Age Group — Killed											Victims By Class and Age Group — Injured										
	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated
Driver	487	—	1	65	88	120	61	54	46	52	—	45,409	4	15	5,802	8,722	12,673	7,896	5,016	3,328	1,889	64
Passenger	296	10	18	81	47	36	21	26	19	37	1	31,588	1,324	3,722	6,370	5,505	5,214	2,914	2,364	1,882	1,813	480
Pedestrian	179	8	12	26	12	18	15	17	20	51	—	5,981	313	1,728	756	654	722	436	364	378	515	115
Bicyclist	41	—	15	5	5	5	1	1	1	5	3	3,869	28	1,371	898	515	367	124	47	46	27	446
Motorcycle Driver*	105	—	2	29	38	31	2	2	1	—	—	4,771	—	39	1,482	1,663	1,147	281	82	37	18	12
Motorcycle Passenger	22	—	—	10	6	4	1	1	—	—	—	930	—	44	413	295	132	26	4	3	2	11
Other**	8	—	2	2	1	1	1	—	—	1	—	267	8	55	70	44	33	18	12	9	10	8
Total	1,138	18	50	218	197	215	102	101	87	146	4	92,815	1,677	6,974	15,791	17,398	20,298	11,695	7,889	5,683	4,274	1,136

	Victims By Age Group and Sex — Killed											Victims By Age Group and Sex — Injured										
	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated
Male	805	10	28	178	160	169	61	69	47	82	1	54,440	893	3,956	10,052	11,184	12,159	6,486	4,240	2,910	1,981	579
Female	333	8	22	40	37	46	41	32	40	64	3	38,181	784	3,011	5,733	6,207	8,138	5,209	3,648	2,773	2,293	385
Not Recorded	—	—	—	—	—	—	—	—	—	—	—	194	—	7	6	7	1	—	1	—	—	172
total	1,138	18	50	218	197	215	102	101	87	146	4	92,815	1,677	6,974	15,791	17,398	20,298	11,695	7,889	5,683	4,274	1,136

Killed	Victims By Class and Sex								Victims by Road Jurisdiction					Victims By Month of Occurrence									
	Total	Driver	Passenger	Pedestrian	Bicyclist	Motorcycle Driver*	Motorcycle Passenger	Other**	Municipal (Excl. Tp. Rd.)	Provincial Highway	Township	County or District	Regional Mun.	Other	Total	Killed	Injured	Month	Killed	Injured	Month	Killed	Injured
Male	805	381	159	109	31	102	15	6										Jan.	68	7,742	July	137	9,214
Female	333	106	137	70	10	3	7	2										Feb.	37	6,406	Aug.	132	8,875
Total	1,138	487	296	179	41	105	22	8										Mar.	72	6,422	Sept.	114	8,112
Injured																		Apr.	68	6,338	Oct.	123	7,914
																		May	96	7,480	Nov.	100	8,063
																		June	102	8,600	Dec.	89	7,649
																		Total			Total	1,138	92,815

* Includes Moped Driver
** Includes Moped Passenger

Summary of Motor Vehicle Traffic Accident Statistics

Number of Vehicles

Ontario 1982

	In All Accidents	In Fatal	Personal Injury	Property Damage
Type of Vehicle				
Passenger Car	262,305	998	84,581	176,726
Passenger Car & Trailer	596	7	160	429
Truck	46,951	248	13,600	33,103
Truck & Trailer	797	8	204	585
Tractor & Semi-Trailer	5,060	94	1,409	3,557
Motorcycle	5,728	135	4,989	604
Bus	2,773	14	971	1,788
School Bus/Vehicle	918	8	260	650
Other Motor Vehicle/				
Unknown	14,273	18	2,507	11,748
Non Motor Vehicle	5,571	81	4,386	1,104
Total	344,972	1,611	113,067	230,294

Condition of Vehicle				
No Apparent Defect	317,428	1,391	105,857	210,180
Service Brakes Defective	1,264	13	590	661
Steering Defective	310	4	140	166
Tire Puncture or				
Blow Out	971	4	405	562
Tire Tread Insufficient	745	22	321	402
Headlamps Defective	161	3	102	56
Other Lamps or				
Reflectors Defective	470	8	147	315
Engine Controls				
Defective	602	4	177	421
Wheels or Suspension				
Defective	320	2	113	205
Vision Obscured	209	1	61	147
Trailer Hitch Defective	140	2	21	117
Other Defects	2,012	23	667	1,322
Not Known	20,340	134	4,466	15,740
Total	344,972	1,611	113,067	230,294

Model Year of Vehicle				
1983	848	3	262	583
1982	18,502	111	6,896	11,495
1981	35,505	181	11,959	23,365
1980	34,535	165	11,392	22,978
1979	35,892	166	11,444	24,282
1978	35,281	165	11,582	23,534
1977	32,078	125	10,309	21,644
1976 & Earlier	133,383	622	43,341	89,420
Not Known	18,948	73	5,882	12,993
Total	344,972	1,611	113,067	230,294

	In All Accidents	In Fatal	Personal Injury	Property Damage
Vehicle Manoeuver				
Going ahead	190,952	1,324	69,699	119,929
Slowing/Stopping	21,288	27	7,675	13,586
Overtaking	6,101	57	1,923	4,121
Turning Left	35,652	69	11,205	24,378
Turning Right	11,207	7	2,853	8,347
Making "U" Turn	1,100	4	306	790
Changing Lanes	11,107	22	2,478	8,607
Merging	1,005	2	223	780
Reversing	9,214	10	900	8,304
Stopped or Parked	46,246	51	13,851	32,344
Pulling Away From				
Shoulder or Curb	2,329	5	454	1,870
Pulling Onto				
Shoulder or Into				
Curb	570	2	143	425
Not Known or Other	8,201	31	1,357	6,813
Total	344,972	1,611	113,067	230,294

Insurance				
Insured	318,430	1,469	103,781	213,180
Not Insured	4,837	70	3,089	1,678
Not Known	21,705	72	6,197	15,436
Total	344,972	1,611	113,067	230,294

Amount of Property Damage

\$388,811,531.00



Ministry of
Transportation and
Communications

Transportation Regulation
Development Branch
Safety Co-ordination and
Development Office
West Building
1201 Wilson Avenue
Downsview, Ontario
M3M 1J8

SEP 17 1986

